Panasonic

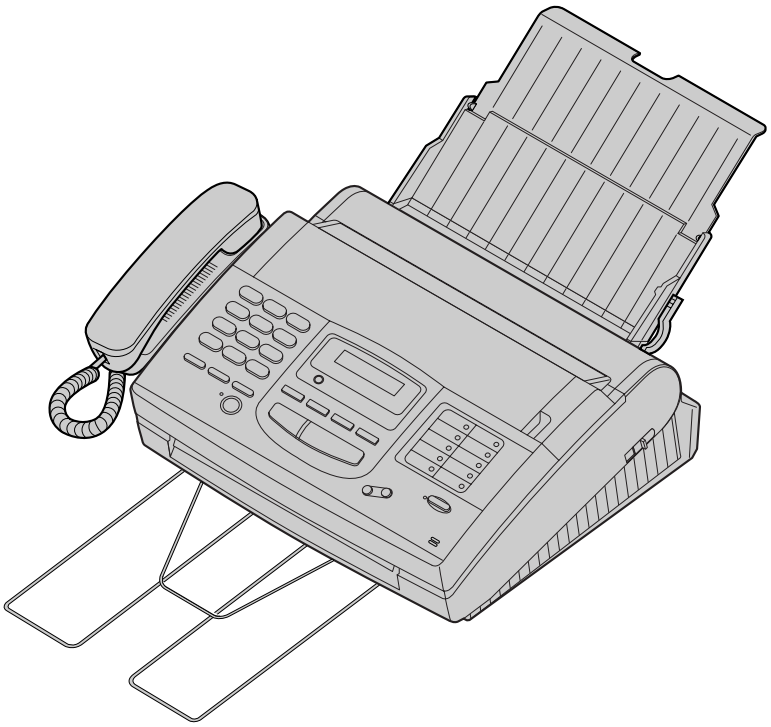
Compact Plain Paper FAX

Model No.

KX-FP200
KX-FP195

TO GET STARTED EASILY, PLEASE READ THIS SECTION FIRST.

OPERATING INSTRUCTIONS



Please read these Operating Instructions before using the unit and save for future reference.

FOR OPERATION ASSISTANCE, CALL 1-800-HELP-FAX (1-800-435-7329)

- **This product is designed for use in the United States of America, and may not operate in other countries. (See page 74 for more details.)**
- Este producto ha sido diseñado para su uso en los Estados Unidos de América, y puede no funcionar correctamente en otros países. (Consulte la página 74 para tener más detalles.)

Thank you for purchasing the Panasonic Compact Plain Paper Facsimile.

Welcome to the world of Panasonic facsimiles.

This Panasonic compact plain paper facsimile combines the telephone, fax, copier, and TAM interface functions to provide you with more efficient office or home use. By utilizing these convenient features, you can maximize the effectiveness of this unit.

Things you should keep records of

Attach your sales receipt here

For your future reference

Date of purchase _____ Serial No. _____
(found on the bottom of the unit)

Dealer's name and address _____

Dealer's telephone number _____

Caution:

- The telephone Protection Act of 1991 requires the following information to be clearly stated either at the top or bottom margin of the first message page when transmitting messages via telephone facsimile;
  —Date and time of transmission,
  —Identification of the business, entity or person(s) sending the facsimile and,
  —Telephone number of the business, entity or person(s).
  To program this information into your facsimile machine, complete all the instructions on pages 12 through 14.
- Note that the images of copied or received documents will remain on the used film. When disposing of the used film, use discretion.
- Do not rub or use an eraser on the printed side, as the print may smear.

Copyright:

This manual is copyrighted by Kyushu Matsushita Electric Co., Ltd. (KME) and its licensee. Under the copyright laws, this manual may not be reproduced in any form, in whole or part, without the prior written consent of KME and its licensee.

© Kyushu Matsushita Electric Co., Ltd. 1997

Important safety instructions

When using this unit, basic safety precautions should always be followed to reduce the risk of fire, electric shock, or personal injury.

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on this unit.
3. Unplug this unit from AC outlets before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this unit near water, for example, near a bath tub, wash bowl, kitchen sink, or the like.
5. Place this unit securely on a stable surface. Serious damage and/or injury may result if the unit falls.
6. Do not cover slots and openings on the unit. They are provided for ventilation and protection against overheating. Never place the unit near radiators, or in a place where proper ventilation is not provided.
7. Use only the power source marked on the unit. If you are not sure of the type of power supplied to your home, consult your dealer or local power company.
8. For Safety purposes this product is equipped with a three prong grounded plug. If you do not have this type of outlet, please have one installed. Do not use any type of adaptor plug to defeat this safety feature.
9. Do not place objects on the power cord. Install the unit where no one can step or trip on the cord.
10. Do not overload wall outlets and extension cords. This can result in the risk of fire or electric shock.
11. Never push any objects through slots in this unit. This may result in the risk of fire or electric shock. Never spill any liquid on the unit.
12. To reduce the risk of electric shock, do not disassemble this unit. Take the unit to an authorized servicenter when service is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the unit is subsequently used.
13. Unplug this unit from the wall outlet and refer servicing to an authorized servicenter when the following conditions occur:
    A. When the power supply cord or plug is damaged or frayed.
    B. If liquid has been spilled into the unit.
    C. If the unit has been exposed to rain or water.
    D. If the unit does not work normally by following the operating instructions. Adjust only controls covered by the operating instructions. Improper adjustment may require extensive work by an authorized servicenter.
    E. If the unit has been dropped or physically damaged.
    F. If the unit exhibits a distinct change in performance.
14. During thunderstorms, avoid using telephones except cordless types. There may be a remote risk of an electric shock from lightning.
15. Do not use this unit to report a gas leak, when in the vicinity of the leak.

SAVE THESE INSTRUCTIONS

INSTALLATION:

1. Never install telephone wiring during a lightning storm.
2. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
3. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
4. Use caution when installing or modifying telephone lines.

WARNING:

To prevent the risk of fire or electrical shock, do not expose this product to rain or any type of moisture.

OTHER INFORMATION

- Keep the unit away from electrical noise-generating devices, such as fluorescent lamps and motors.
- The unit should be kept free from dust, high temperature, and vibration.
- The unit should not be exposed to direct sunlight.
- Do not place heavy objects on top of this unit.
- Do not touch the plug with wet hands.

Table of Contents

Quick Start

Before you start
- Included accessories 6
- Accessory order information 6
- Overview 7

Installation
- Installing the diverter 8
- Installing the paper 8
- Connecting the telephone line and the power outlet 10
- Location of controls 11
- Help function 11

Initial preparation
- Setting the date and time 12
- Setting your logo 13
- Setting your facsimile telephone number 14

Basic operations
- Making voice calls 15
- Answering voice calls 16
- Making a copy 17
- Transmitting documents 18
- Receiving documents (receive mode, etc.) 19

Advanced Operations

Special receiving modes

EXT.TAM mode (recording voice messages and/or receiving documents) . . 22
TEL/FAX mode (automatic voice and fax recognition) 25

Automatic dialing

Storing phone numbers for automatic dialing 27
Making voice calls using automatic dialing 28
Transmitting documents using automatic dialing 28
Electronic telephone directory (selecting a station name in the directory) . . 29

Telephone

Voice contact (talking to the caller during or after fax reception or transmission) 30
TONE, FLASH and REDIAL/PAUSE buttons 31

Special sending features

Polling (retrieving fax documents) 32
Delayed transmission (sending a fax at a later time) 33
Transmitting documents from memory 34
Transmitting documents to multistations 35
Reserving transmission during fax reception 37
Printing a cover page 37

Special receiving features

Remote fax receiving (using an extension phone to receive a fax message) . . 38
Junk mail prohibitor (preventing the reception of unwanted fax documents) . . 39
Receiving with a distinctive ring service 40

Enhanced copy features

Making an extension copy 41
Making a reduction copy 42

For Assistance, Call 1-800-435-7329

Special Settings

Summary of user programmable features 43
Setting the FAX mode ring count 44
Setting the TEL/FAX mode ring count 45
Setting the silent fax recognition ring count 45
Setting the dialing mode 46
Changing the logo print position 46
Sending documents overseas 47
Film/Paper save reception 48
Receiving oversized documents 49
Changing the display contrast 50
Setting the silent detection 51
Setting the memory reception alert 52
Setting the friendly reception 52
Signaling your pager that you have received a fax document 53
Setting the film detection 54
Resetting the advanced features 55
Printing reports and lists 56

Troubleshooting and Routine Care

Troubleshooting

Error messages on the display 59
Before requesting help 61
If a power failure occurs... 63
Clearing a recording paper jam 64
Clearing a document jam 66
Adjusting the feeder pressure 66

Routine care

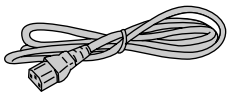
Checking the remaining film 67
Replacing the film or film cartridge 67
Cleaning the inside of the unit 69

General Information

FCC information 70
Limited warranty 71
Service center directory 72
User information 73
Specifications 74
One-touch dialing list/Speed dialing list 75
Index 79

Included accessories (To order, call toll free 1-800-332-5368.)

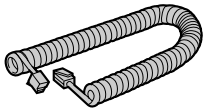
Power cord . . . . . 1 pc.
Part No. PQJA200Z



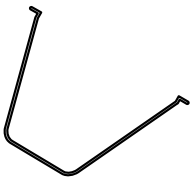
Telephone line cord . . . . . 1 pc.
Part No. PQJA59V

Handset . . . . . 1 pc.
Part No. PFJXE0105Z

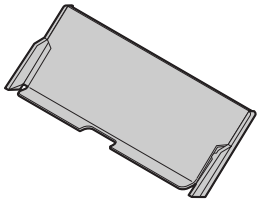
Handset cord . . . . 1 pc.
Part No. PQJA212M



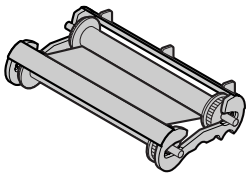
Diverter . . . . . 1 pc.
Part No. PFUS1074Z



Paper tray . . . . . 1 pc.
Part No. PFYEFP200M



Film cartridge . . . . 1 pc.
(with starter film)



—The film cartridge is pre-installed.

- If any items are missing or damaged, check with the place of purchase.
- The part numbers listed above are subject to change without notice.
- Save the original carton and packing materials for future shipping and transporting of the unit.

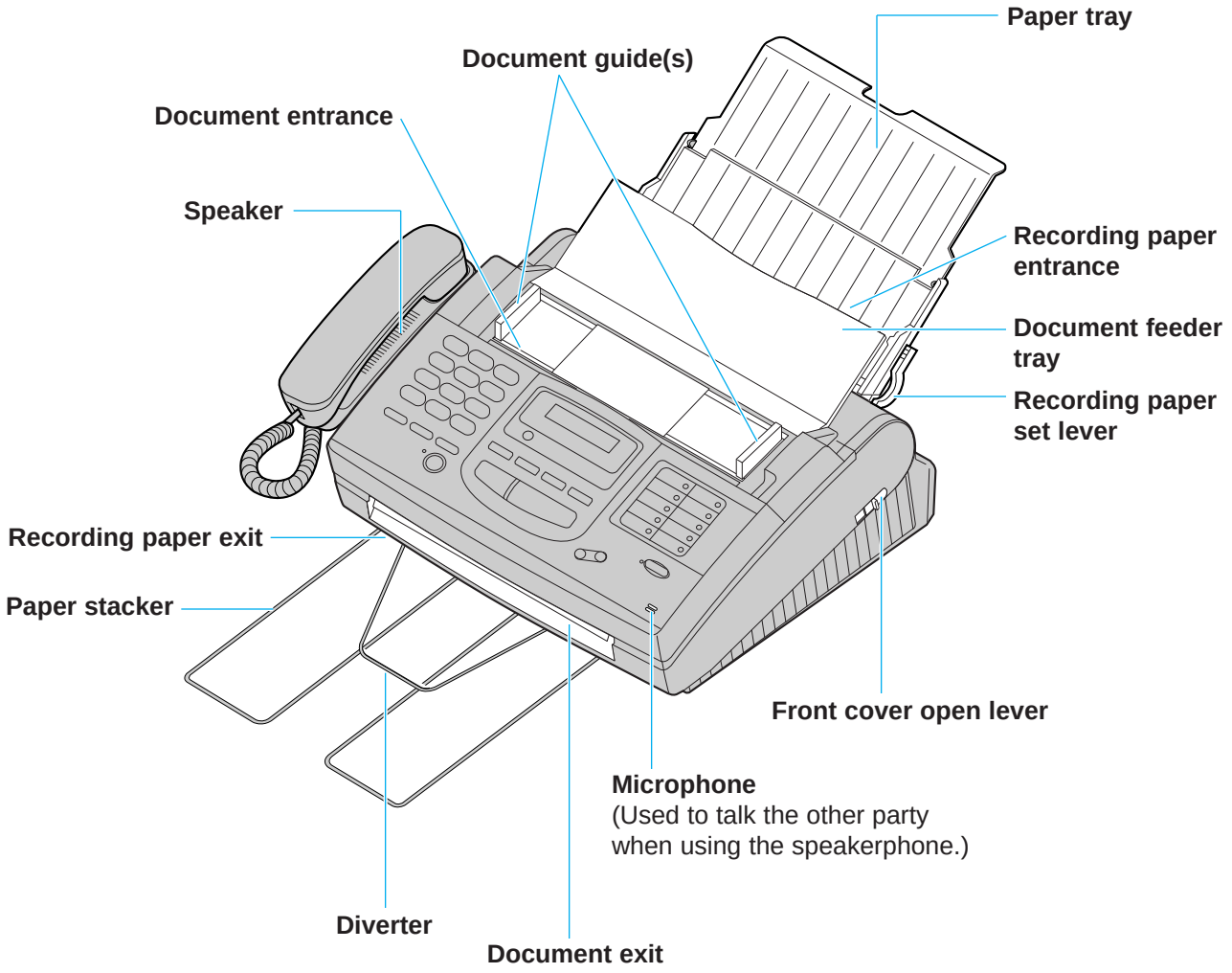
Accessory order information

The starter film is only 20 meters (65′) long. We recommend buying regular film [100 m (328′)] for extra stock.
For accessory order, call toll free 1-800-332-5368.

Model No.	Description	Specifications	Comment
KX-FA135	Film cartridge	1 cartridge and 1 film [216 mm × 100 m (8½″ × 328′) roll]	Film has been already installed in the cartridge.
KX-FA136	Replacement film	2 films 216 mm × 100 m (8½″ × 328′) rolls	Film only. Use with your original cartridge.

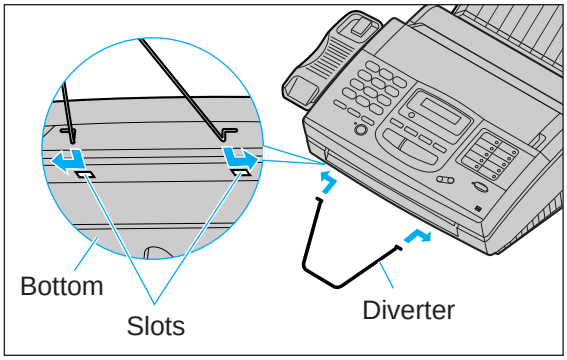
Caution:
The film is not reusable. If you rewind the used film and use it again, the printout will be faint and letters may be missing.

Overview


Paper tray
Document guide(s)
Document entrance
Speaker
Recording paper entrance
Document feeder tray
Recording paper set lever
Recording paper exit
Paper stacker
Front cover open lever
Microphone
(Used to talk the other party when using the speakerphone.)
Diverter
Document exit

Installing the diverter

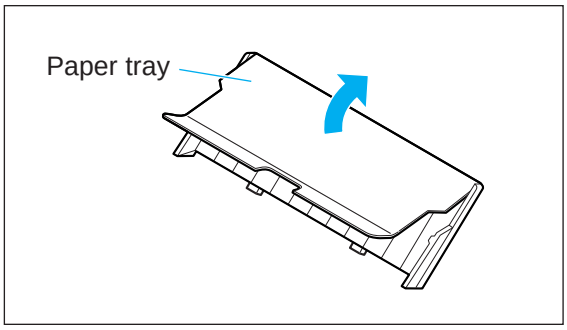
Insert the diverter into the slots on the main unit until it clicks into place.



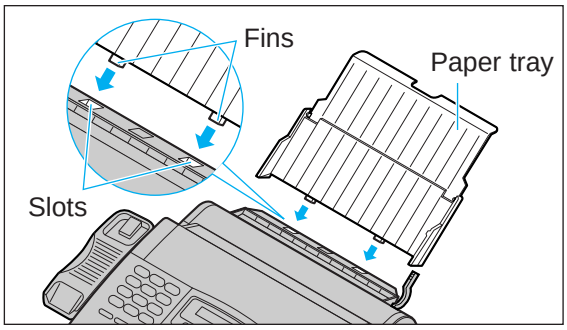
Installing the paper

The recording paper size that can be loaded is letter or legal. The paper tray can hold up to 150 sheets of 75 g/m^2 (20 lb.) paper. Use 60 to 90 g/m^2 (16 to 24 lb.) paper.

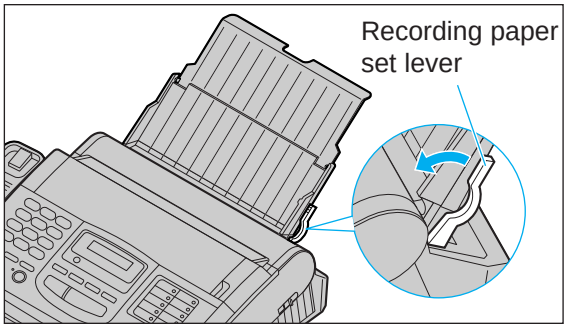
1 Open the paper tray.



2 Insert the two fins on the paper tray into the slots on the back of the unit.



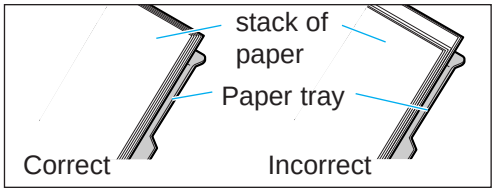
3 Pull the recording paper set lever forwards.

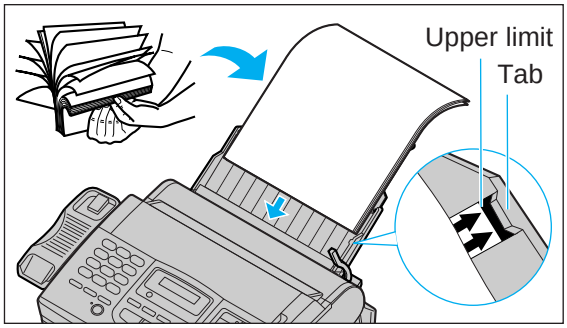


For Assistance, Call 1-800-435-7329

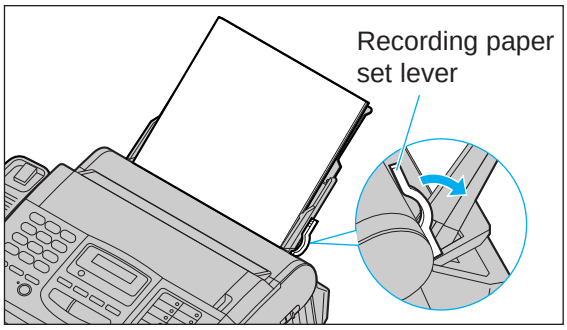
4 Fan the stack of paper to avoid a paper jam and insert the paper into the paper tray.

- The height of the stack of the paper should not exceed the upper limit on the paper tray, or it may cause a paper jam.
- The paper should not be over the tab.
- If the paper is not inserted correctly, readjust the paper or a paper jam may occur.



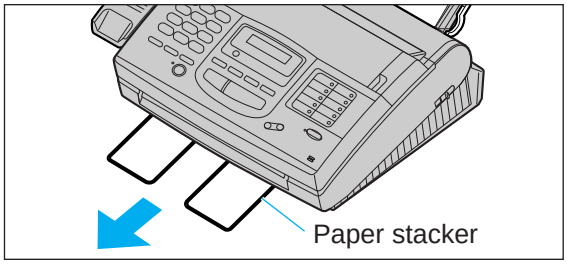


5 Move the recording paper set lever back.



6 Pull out the paper stacker from the bottom of the unit completely.

- Do not place the unit in areas where the paper tray may be obstructed by walls, etc.



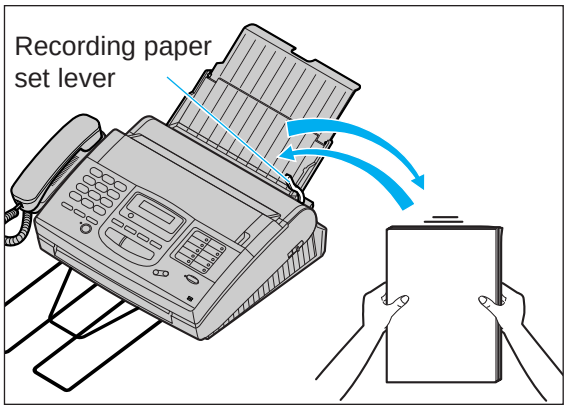
Note:

- Do not use different types or thicknesses of paper in the paper tray at the same time. This may cause a paper jam.
- Avoid extremely smooth or shiny paper that is highly textured. Also avoid paper that is coated, damaged or wrinkled paper with a cotton and/or fiber content that is over 20 %.
- Avoid used paper for double-sided printing.
- Do not use paper printed from this unit for double-sided printing with other copiers or printers, or a paper jam may occur.

Adding paper to the paper tray

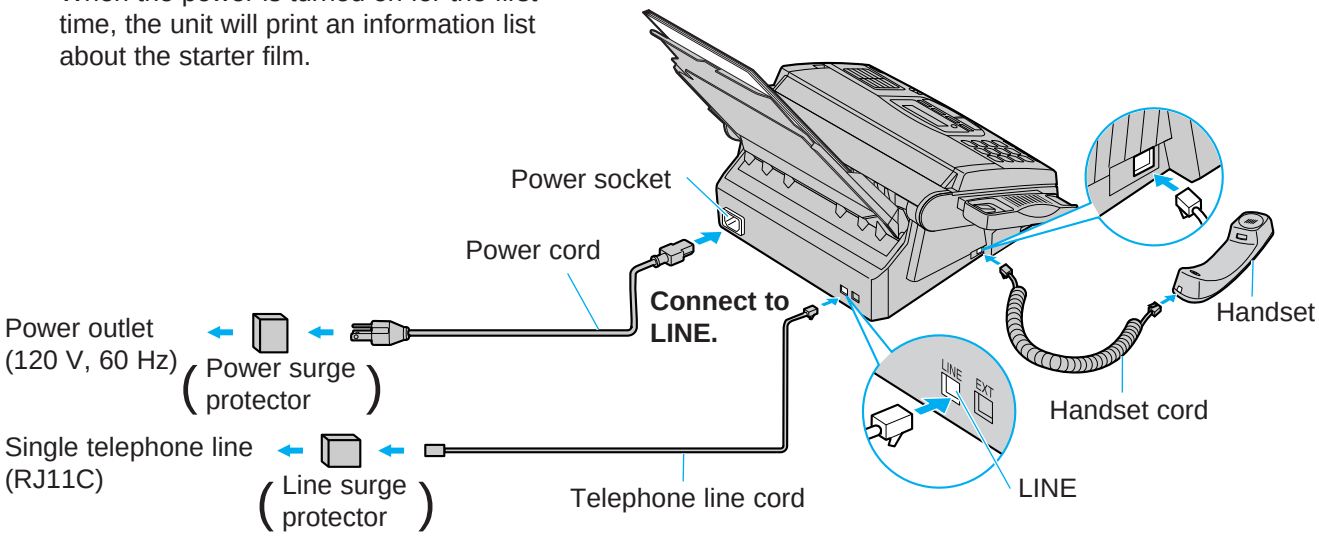
1. Pull the recording paper set lever forwards.
   - The unit will beep and the following message is displayed.

   Display: CHECK LEVER
2. Remove the installed paper.
3. Add paper to the removed paper.
4. Fan the stack of paper and insert it into the paper tray.
5. Move the recording paper set lever back.



Connecting the telephone line and the power outlet

1. **Connect the handset and handset cord.**
2. **Connect the telephone line cord.**
3. **Connect the power cord.**
   - When the power is turned on for the first time, the unit will print an information list about the starter film.



Note:

- For additional equipment protection, we recommend the use of a surge protector. The following types are available; TELESPIKE BLOK MODEL TSB (TRIPPE MFG. CO.), SPIKE BLOK MODEL SK6-0 (TRIPPE MFG. CO.), SUPER MAX (PANAMAX) or MP1 (ITW LINX).
- When you operate this product, the power outlet should be near the product and easily accessible.
- If the following message is displayed when the unit is plugged in, the recording paper set lever is released.

Display: `CHECK LEVER`

Move the lever back (see step 5 on page 9).

Automatic dialing mode setting

When the power cord is connected, the unit will start detecting the dialing mode.

Display: `CHECKING LINE`

Wait until one of the following messages is displayed.

—If your line has touch tone service, the unit will display the following message.

`LINE IS TONE`

—If your line has rotary pulse dial service, the unit will display the following message.

`LINE IS PULSE`

- If you connect the power cord before connecting the telephone line cord, the following messages will be shown alternately.

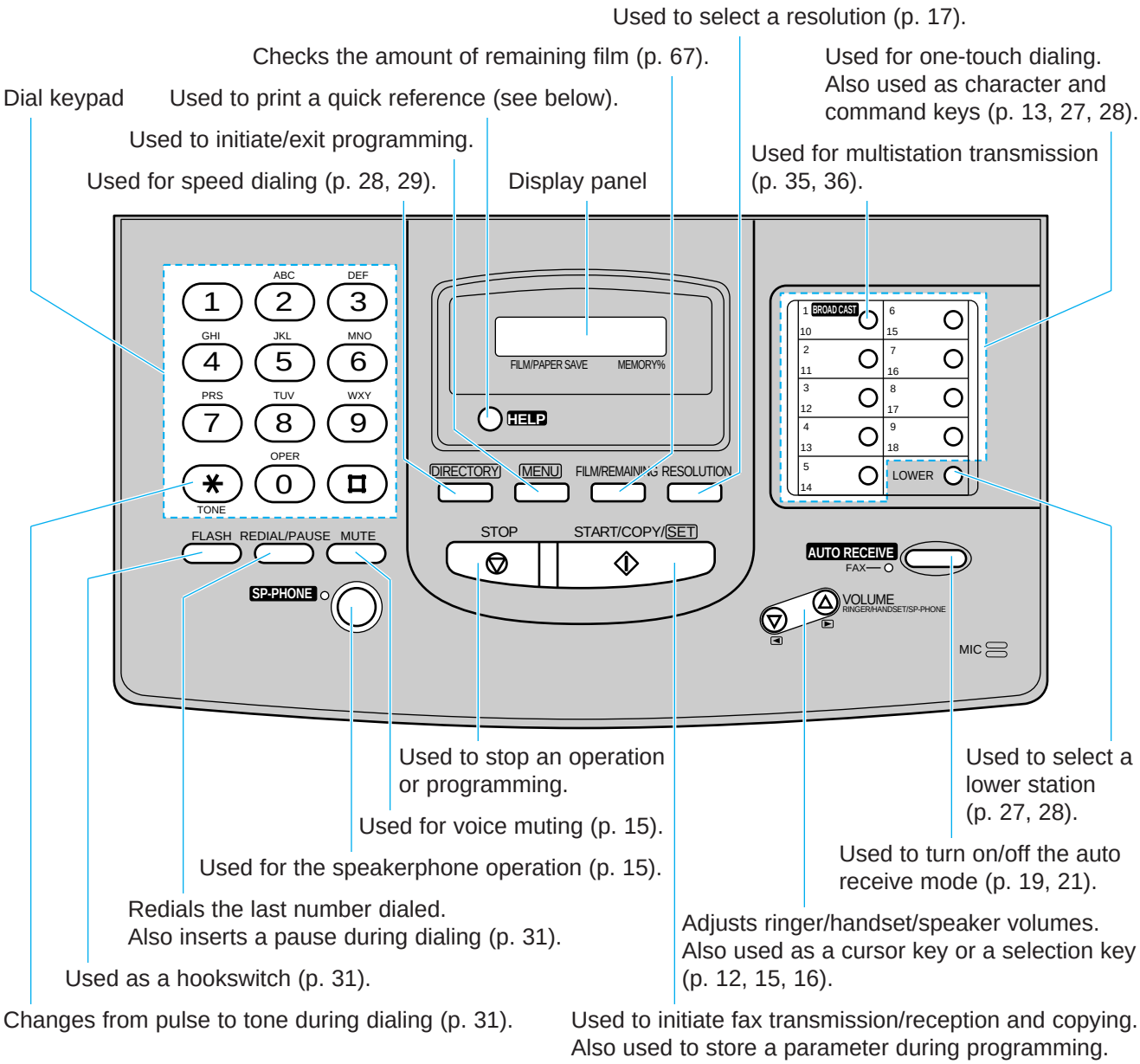
`CONNECT TEL LINE` ⟷ `TEL LINE IS OPEN`

Connect the telephone line cord.

- If the power cord is disconnected or a power failure occurs, the unit will detect the dialing mode again when power is restored.
- You can change the dialing mode setting manually. See “Setting the dialing mode” on page 46.

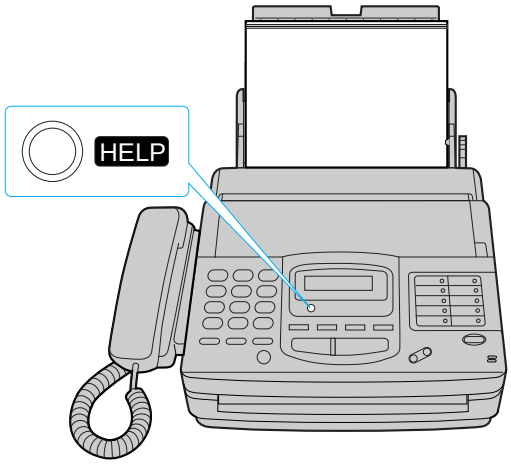
For Assistance, Call 1-800-435-7329

Location of controls

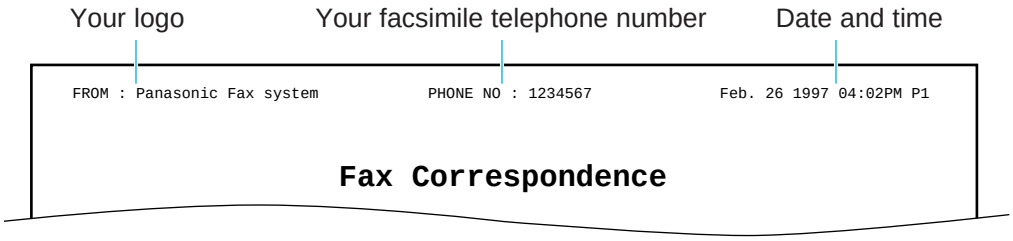

Used to select a resolution (p. 17).
Checks the amount of remaining film (p. 67).
Used for one-touch dialing. Also used as character and command keys (p. 13, 27, 28).
Dial keypad
Used to print a quick reference (see below).
Used to initiate/exit programming.
Used for multistation transmission (p. 35, 36).
Used for speed dialing (p. 28, 29).
Display panel
ABC DEF 1 2 3
GHI JKL MNO 4 5 6
PRS TUV WXY 7 8 9
OPER 0
TONE
FILM/PAPER SAVE
MEMORY%
HELP
DIRECTORY
MENU
FILM/REMAINING
RESOLUTION
1 BROAD CAST 6 10 15
2 7 11 16
3 8 12 17
4 9 13 18
5 14
LOWER
FLASH
REDIAL/PAUSE
MUTE
STOP
START/COPY/SET
AUTO RECEIVE
FAX
SP-PHONE
VOLUME
RINGER/HANDSET/SP-PHONE
MIC
Used to stop an operation or programming.
Used to select a lower station (p. 27, 28).
Used for voice muting (p. 15).
Used to turn on/off the auto receive mode (p. 19, 21).
Used for the speakerphone operation (p. 15).
Redials the last number dialed. Also inserts a pause during dialing (p. 31).
Adjusts ringer/handset/speaker volumes. Also used as a cursor key or a selection key (p. 12, 15, 16).
Used as a hookswitch (p. 31).
Changes from pulse to tone during dialing (p. 31).
Used to initiate fax transmission/reception and copying. Also used to store a parameter during programming.

Help function

For assistance, press **HELP**. The unit will print a quick reference.



Before using your unit, program the correct date and time, your logo and your facsimile telephone number.
This information will be printed on the top of each page transmitted from your unit.



Setting the date and time

1 Press **MENU**.

Display: `SYSTEM SET UP`

2 Press #, then 0 1.

`SET DATE & TIME`

3 Press **START/COPY/SET**.

4 Enter the correct month/day/year by selecting each 2 digits.

Example: Aug. 10 1997
Press 0 8 1 0 9 7.

`M:08/D:10/Y:97`

- If you make a mistake, press ◀/▶ (**VOLUME**) to move the cursor to the incorrect number, then make corrections.

5 Press **START/COPY/SET**.

6 Enter the correct hour/minute by selecting each 2 digits.
Press ✳ to select AM or PM.

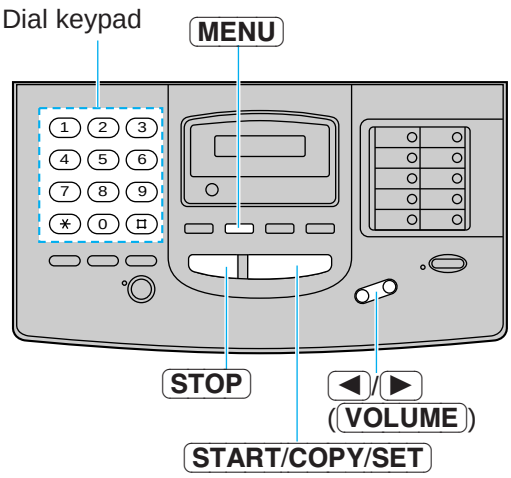
Example: 3:00PM
Press 0 3 0 0, then press ✳ until PM is displayed.

`TIME:  03:00PM`

- If you make a mistake, press ◀/▶ (**VOLUME**) to move the cursor to the incorrect number, then make corrections.

7 Press **START/COPY/SET**.

8 Press **MENU**.



Note:
- If you press **STOP** while programming, the display will return to the previous one.
- The accuracy of the clock will be approximately ±60 seconds a month.

For Assistance, Call 1-800-435-7329

Setting your logo

The logo can be a company, division or personal name in an abbreviated form.

1 Press **MENU**.

Display: `SYSTEM SET UP`

2 Press #, then 0 2.

`YOUR LOGO`

3 Press **START/COPY/SET**.

`LOGO=`

4 Enter your logo up to 30 characters using the dial keypad and direct call station keys.

For example, when entering “Bill” as your logo:

1. Press 2 twice. `LOGO=B`
2. Press 4 six times. `LOGO=Bi`
3. Press 5 six times. `LOGO=Bil`
4. Press ▶ (**VOLUME**) to move the cursor and press 5 six times. `LOGO=Bill`

Note:

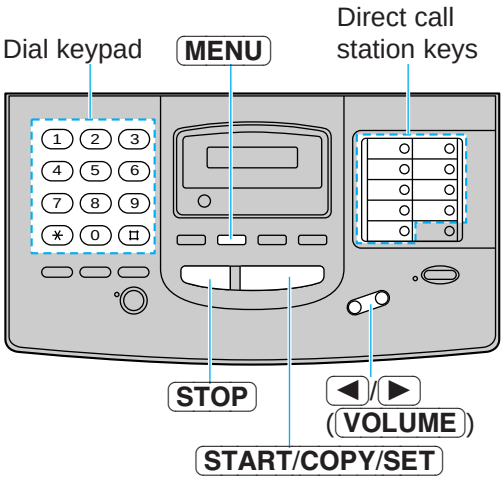
- If you use the same number key continuously to enter the next character, press ▶ (**VOLUME**) to move the cursor.

5 Press **START/COPY/SET**.

6 Press **MENU**.

To correct a mistake while programming

Use ◀/▶ (**VOLUME**) to move the cursor to the incorrect character, then make the correction.
or
Press **STOP** to delete the character to the left of the cursor.



Character table

Keys		Characters
Dial keys	1	1 [ ] { } + – / = , . _ '
	2	A B C a b c 2
	3	D E F d e f 3
	4	G H I g h i 4
	5	J K L j k l 5
	6	M N O m n o 6
	7	P Q R S p q r s 7
	8	T U V t u v 8
	9	W X Y Z w x y z 9
	0	0 ( ) < > ! " # $ % & ¥
Direct call station keys	1	: ; ? | ∗ @ ^ ' →
	2	INSERT key (Used to insert one character or one space.)
	3	SECRET key (Used for automatic dialing on page 27.)
	6	SPACE key (Used to replace one character with a space.)
	7	DELETE key (Used to delete one character.)
	8	HYPHEN key (Used to insert a hyphen.)
▽ ◀		◀ key (Used to move the cursor to the left.)
△ ▶		▶ key (Used to move the cursor to the right.)

Setting your facsimile telephone number

1 Press **MENU**.

Display: SYSTEM SET UP

2 Press #, then 0 3.

YOUR TEL NO.

3 Press **START/COPY/SET**.

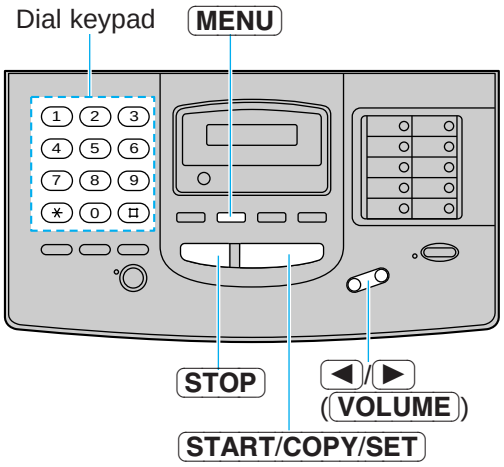
NO.=

4 Enter your facsimile telephone number up to 20 digits.

- The # button inserts a space and the * button a "+".
- If you make a mistake, press **STOP** to delete the wrong number to the left of the cursor.
  OR
  Press ◀/▶ (**VOLUME**) to move the cursor to the incorrect number, then make corrections.

5 Press **START/COPY/SET**.

6 Press **MENU**.



For Assistance, Call 1-800-435-7329

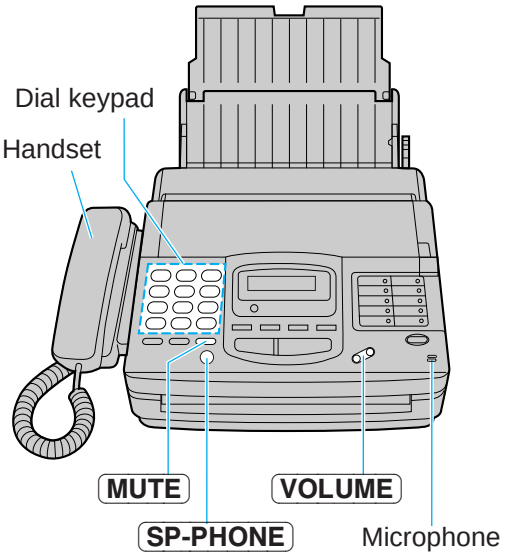
Making voice calls

1 Press **SP-PHONE** or lift the handset.

2 Dial the phone number.
- If you misdial, hang up and dial again.

3 When the other party answers, speak into the microphone or handset.

4 When finished, press **SP-PHONE** or hang up the handset.



Voice muting

Using this feature, the other party cannot hear you but you can hear them.

1. Press **MUTE** during a telephone conversation.

Display: <MUTE>

2. To resume the conversation, press **MUTE**.

Hints for speakerphone operation

- Use the speakerphone in a quiet room.
- If you have difficulty hearing the other party, adjust the volume using **VOLUME**.
- If you and the other party speak at the same time, parts of your conversation will be cut off.
- To switch to the handset, lift the handset. To switch back to the speakerphone, press **SP-PHONE**.

Handset volume

Press **VOLUME** (▽/△) while using the handset.
- 3 levels (high/middle/low) are available.

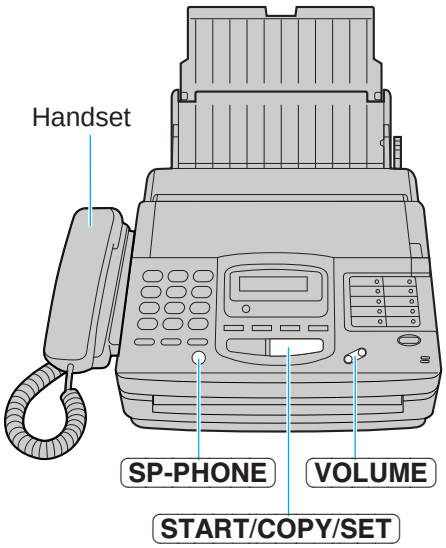
Speaker volume

Press **VOLUME** (▽/△) while using the speakerphone.
- 8 levels (high to low) are available.

Answering voice calls

1 When the unit rings, press **SP-PHONE** or lift the handset.

2 When finished, press **SP-PHONE** or hang up the handset.



Ringer volume

Press **VOLUME** (▽/△) while the unit is idle.
●4 levels (high/middle/low/off) are available.

To turn the ringer off:

1. Press **VOLUME** (▽) repeatedly.
   ●The following messages will be shown alternately.

Display:

```
RINGER OFF= OK?
```

```
YES: PRESS SET
```

2. Press **START/COPY/SET**.

While the ringer volume is set to off:
The display will show the following message and the unit will not ring when receiving a call.

```
RINGER OFF
```

When receiving a call, the unit will not ring but show the following message.

```
INCOMING CALL
```


For Assistance, Call 1-800-435-7329

Making a copy

Any transmittable document can be copied.

1 Open the document feeder tray.

2 Insert the document (up to 15 sheets) FACE DOWN until a beep tone is heard.

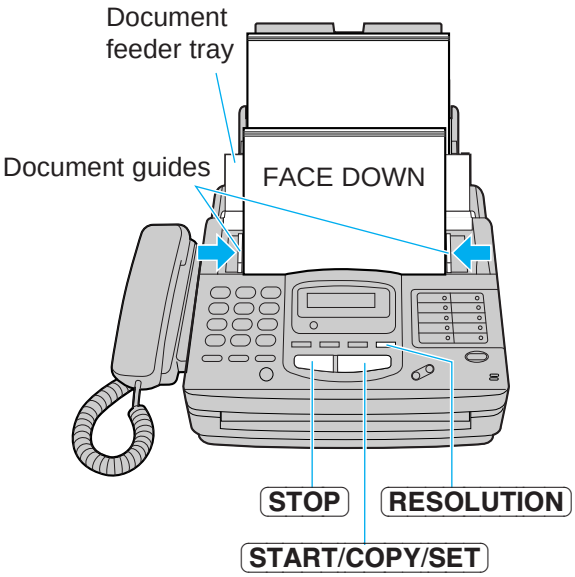
3 Adjust the document guides to the width of the document.

4 Press **RESOLUTION** repeatedly to the desired setting, if needed (see below).

5 Press **START/COPY/SET**.

- The unit will start printing.

Note:
- When copying, the unit will automatically select FINE resolution.
- You can make or receive a voice call while making a copy.



To stop copying

Press **STOP**.

Selecting the resolution

You can select the desired resolution by pressing **RESOLUTION**.

STANDARD	For printed or typewritten originals with normal-sized characters.
FINE	For originals with small printing.
SUPER FINE	For originals with minute printing.
HALF TONE	For originals containing photographs, shaded drawings, etc.

Note:
- Using the fine, super fine or half tone setting will increase the transmission time.
- If the resolution setting is changed during feeding, it will be effective from the next sheet.
- The super fine resolution only works with other compatible machines.

To feed 16 or more sheets at a time

Insert the first 15 sheets of the document. Add the extra sheets (up to 15) before the last sheet is fed into the unit.

Transmitting documents

1 Open the document feeder tray.

2 Insert the document FACE DOWN (up to 15 sheets) until a beep tone is heard.

3 Adjust the document guides to the width of the document.

4 Press **RESOLUTION** repeatedly to the desired setting, if needed (see page 17).

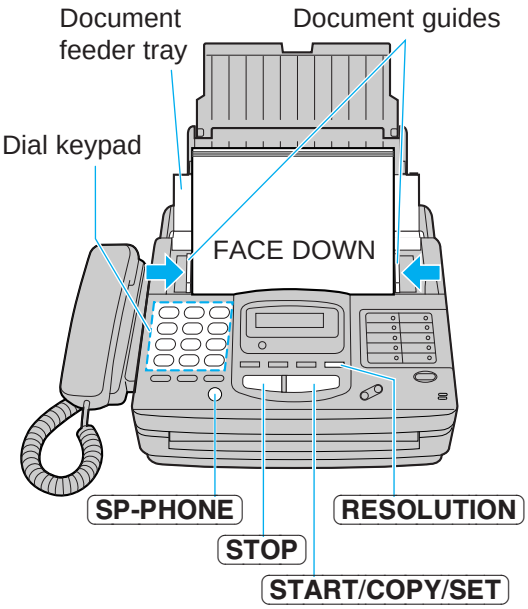
5 Press **SP-PHONE** or lift the handset.

6 Dial the phone number.
- If you misdial, hang up and dial again.

7 **When a fax tone is heard**, press **START/COPY/SET**.

8 Hang up the handset, if using it.

Note:
- If the other party answers your call, ask them to start receiving a fax, then press your **START/COPY/SET**.

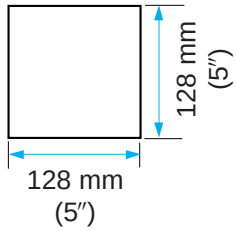


To stop transmission

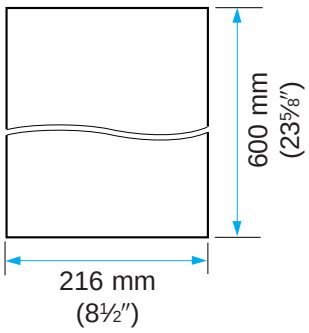
Press **STOP**.
- To eject the document, press **STOP** again.

Documents the unit can feed

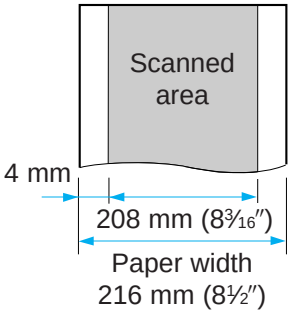
Minimum size



Maximum size



Effective scanning area



Document weight

Single sheet:
45 to 90 g/m² (12 to 24 lb.)
Multiple sheets:
60 to 75 g/m² (16 to 20 lb.)

Note:
- Remove clips, staples or other similar fastening objects.
- Check that ink, paste or correction fluid has dried.
- Do not send the following types of documents. Use copies for fax transmission.
  - —Chemically treated paper such as carbon or carbonless duplicating paper
  - —Electrostatically charged paper
  - —Heavily curled, creased or torn paper
  - —Paper with a coated surface
  - —Paper with a faint image
  - —Paper with printing on the opposite side that can be seen through the front (e.g. newspaper)

For Assistance, Call 1-800-435-7329

Receiving documents (receive mode, etc.)

Setting the receive mode

The unit has two receive modes:
The **AUTO RECEIVE** mode allows your unit to receive all calls automatically without your assistance. Use this mode when you wish to use the unit solely as a facsimile machine or when you are going out.
The **MANUAL RECEIVE** mode lets you answer calls by lifting the handset. Use this mode when you are in and wish to answer voice and fax calls.

These modes can be selected by pressing the **AUTO RECEIVE** button.

AUTO RECEIVE and MANUAL RECEIVE have two different receive settings.

MANUAL RECEIVE MODE

The FAX indicator is off.

TEL mode (pre-selected)	**Allows you to answer all calls manually.** When the unit rings, you must answer all calls by picking up the handset. ● When a fax call is received, you can start fax reception by pressing the **START/COPY/SET** button. For further details, see page 20. ● If you answer a fax call using an extension telephone connected to the same line, you can start fax reception remotely by pressing ✱9. For further details, see page 38.
TEL/FAX mode	**Automatic voice and fax recognition** When a fax call is detected, the unit will automatically answer the line and start reception. When a voice call is detected, the unit will start to ring. You can lift the handset to answer the call. **For further information about this mode, see pages 25 and 26.** To change the number of rings before a call is answered, see page 45.

AUTO RECEIVE MODE

The FAX indicator is on.

FAX mode (pre-selected)	**Receives fax documents only.** The unit will answer all calls automatically and activate the fax function (see page 21). To change the number of rings before a call is answered, see page 44.
EXT.TAM mode	**Records voice messages and/or receives fax documents (used with an external telephone answering machine).** When a voice call is detected, the telephone answering machine will record the voice message. When a fax call is detected, the facsimile unit will receive fax documents. For further information about this mode, see pages 22 through 24.

Receiving documents (receive mode, etc.) (cont.)

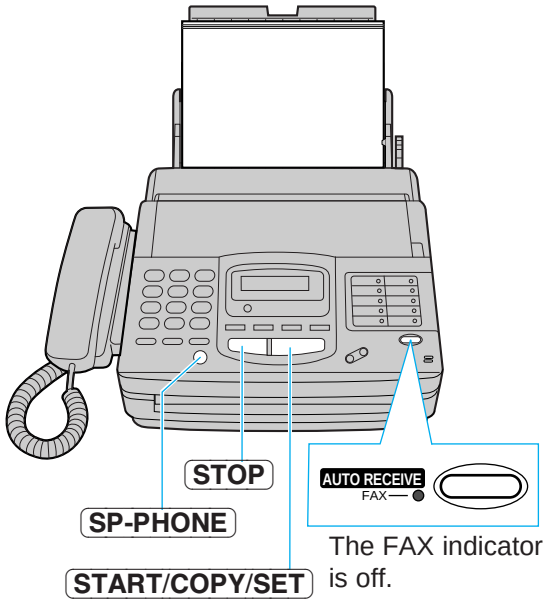
Allowing you to answer all calls manually (TEL mode)

1 When the unit rings, press **SP-PHONE** or lift the handset to answer the call.

2 When:
—document reception is required,
—a slow beep is heard, or
—no sound is heard,
press **START/COPY/SET**.

3 Hang up the handset if using it.

Note:
- If you do not answer a call by 15 rings, the unit will temporarily activate the fax function to receive documents.



The FAX indicator is off.

Friendly reception

When you answer the call and hear a slow beep, the unit will automatically start reception even if you do not press **START/COPY/SET**.

- If this feature is not required, set to OFF (see page 52).

Memory reception

When a printing problem is detected, the unit will temporarily store the received document into memory.
While documents are in memory, the unit will
—display an error message and the following message alternately;

Display: `FAX IN MEMORY`

—alert you with a slow beep (Receive alert).
- Follow the instructions on pages 59 and 60 to clear the problem and print the stored document.
- For memory capacity, see page 74.

To stop reception

Press **STOP**.

For Assistance, Call 1-800-435-7329

Receiving fax documents only (FAX mode)

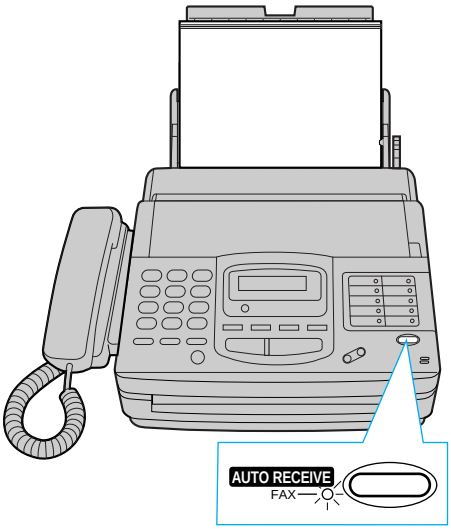
Setting up the unit for fax reception

Turn on the AUTO RECEIVE mode by pressing **AUTO RECEIVE** until the FAX indicator light goes on.

- The display shows the following message.

Display: `FAX MODE`

- The unit will automatically answer all calls and only receive fax documents.
- The number of rings before a call is answered can be changed. See page 44.



The FAX indicator is on.

EXT.TAM mode
(recording voice messages and/or receiving documents)

This unit can be connected to an external telephone answering machine (TAM). When the EXT.TAM mode is set, the facsimile unit and telephone answering machine will work as follows.

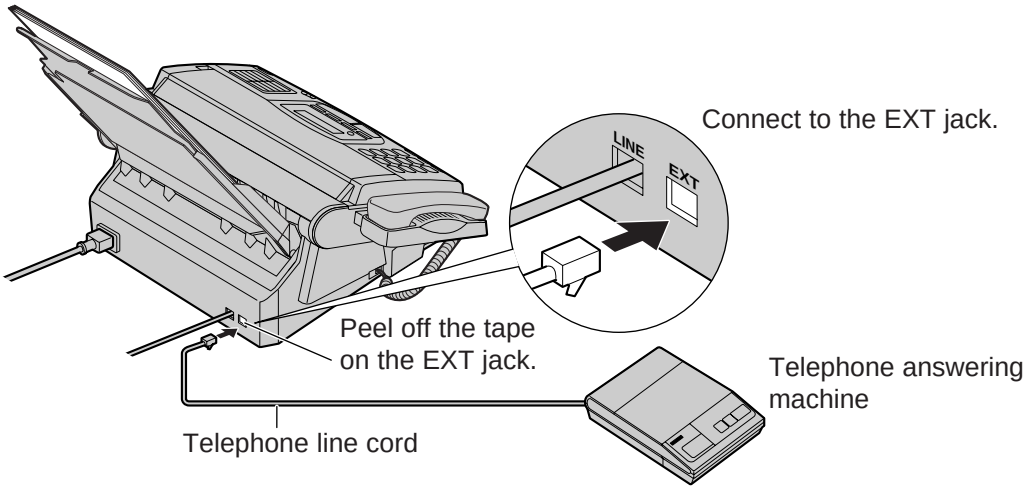
■ **Receiving voice calls**
The telephone answering machine will record voice messages automatically.

■ **Receiving fax calls**
The facsimile unit will activate the fax function to receive documents automatically.

■ **Receiving a voice message and fax document in one call**
The telephone answering machine will record the voice message first. Then the facsimile unit will activate by the caller's request and receive documents. For further details, see "Leaving a voice message and sending fax documents to your unit" on page 24.

Connecting a telephone answering machine

1 Connect the telephone answering machine to the EXT jack.



2 Set the number of rings on the telephone answering machine to less than 4.
- This will give the answering machine an opportunity to answer the line first.

3 Record a greeting message referring to the example below.
"This is (your name, business and/or telephone number). We are unable to answer the phone right now. Please leave a message after the long beep. To send a fax, start transmission. Thank you."

Note:
- Do not pause for more than 4 seconds in the greeting message. If a 4-second pause is stored in the greeting message, all incoming calls will be routed to the facsimile unit from the answering machine even while the greeting message is playing.
- We recommend you to keep your greeting message around 10 seconds in length. If a greeting message is too long, some incoming fax calls may not be answered by the facsimile unit.
- **If your answering machine is equipped with a remote operation feature, set the same remote access code on the answering machine to the facsimile unit as the remote TAM activation ID (see page 24).**

Changing the setting of the AUTO RECEIVE mode

Change the AUTO RECEIVE setting from the FAX mode to the EXT.TAM mode.

1 Press **MENU**.

Display: `SYSTEM SET UP`

2 Press #, then 0 5.

`AUTO RECEIVE`

3 Press **START/COPY/SET**.

`MODE=FAX [▼▲]`

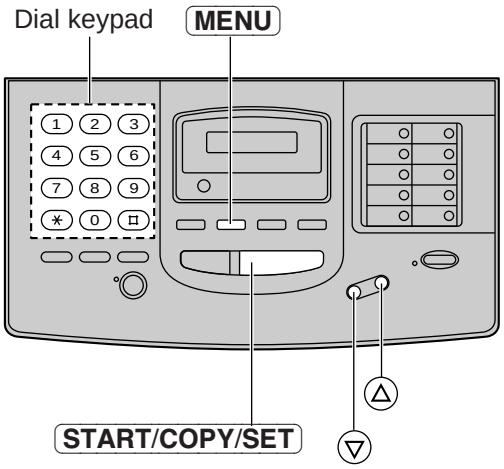
4 Press ▽ or △ to select EXT.TAM.

`MODE=EXT.TAM[▼▲]`

- To return to the FAX mode, select FAX.

5 Press **START/COPY/SET**.

6 Press **MENU**.



Using the EXT.TAM mode

To set the facsimile unit and telephone answering machine to receive voice messages and send fax messages, proceed as follows.

1 Turn on the answering machine.
- If the answering machine is not turned on, all incoming calls will be answered by the facsimile unit and callers cannot leave messages.

2 Press **AUTO RECEIVE** on the facsimile unit until the FAX indicator light goes on.
- The display shows the following message.

Display: `EXT.TAM MODE`

The FAX indicator is on.

Note:
- Every time the facsimile unit receives a document, a silent pause or a fax tone may be recorded on the answering machine.
- Set the receive mode of the facsimile unit to the TEL mode under the following conditions:
  —when you wish to set the number of rings on the answering machine to more than 5, or
  —when you wish to use the auto transfer functions (transfer, pager alert, etc.) on the answering machine.

  Note that automatic fax sending can not be received automatically in the TEL mode.

EXT.TAM mode (cont.)

Securing the remote operation for the answering machine (remote TAM activation ID)

Some remote codes on your answering machine may be same as the remote fax activation code on the facsimile unit. This feature prevents the facsimile unit from activating the fax function when you operate the answering machine from a remote location using the same remote code.
Set the same remote access code on the answering machine to the facsimile unit as the remote TAM activation ID.

Important:
- This ID should be different from the remote fax activation code (see page 38).

1 Press **MENU**.

Display: `SYSTEM SET UP`

2 Press #, then 1 2.

`REMOTE TAM ACT.`

3 Press **START/COPY/SET**.

`MODE=OFF [▼▲]`

4 Press ▽ or △ to select "ON".

`MODE=ON [▼▲]`

5 Press **START/COPY/SET**.

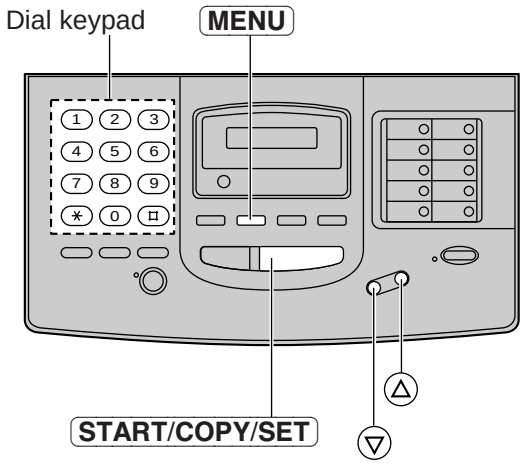
`ID=11`

- The display will show the pre-selected ID.
- This ID can be from 1 to 5 digits in length using numbers 0 through 9, and the characters ✳ and #.

6 Enter your remote TAM activation ID number using the dial keypad.

7 Press **START/COPY/SET**.

8 Press **MENU**.



Leaving a voice message and sending fax documents to your unit

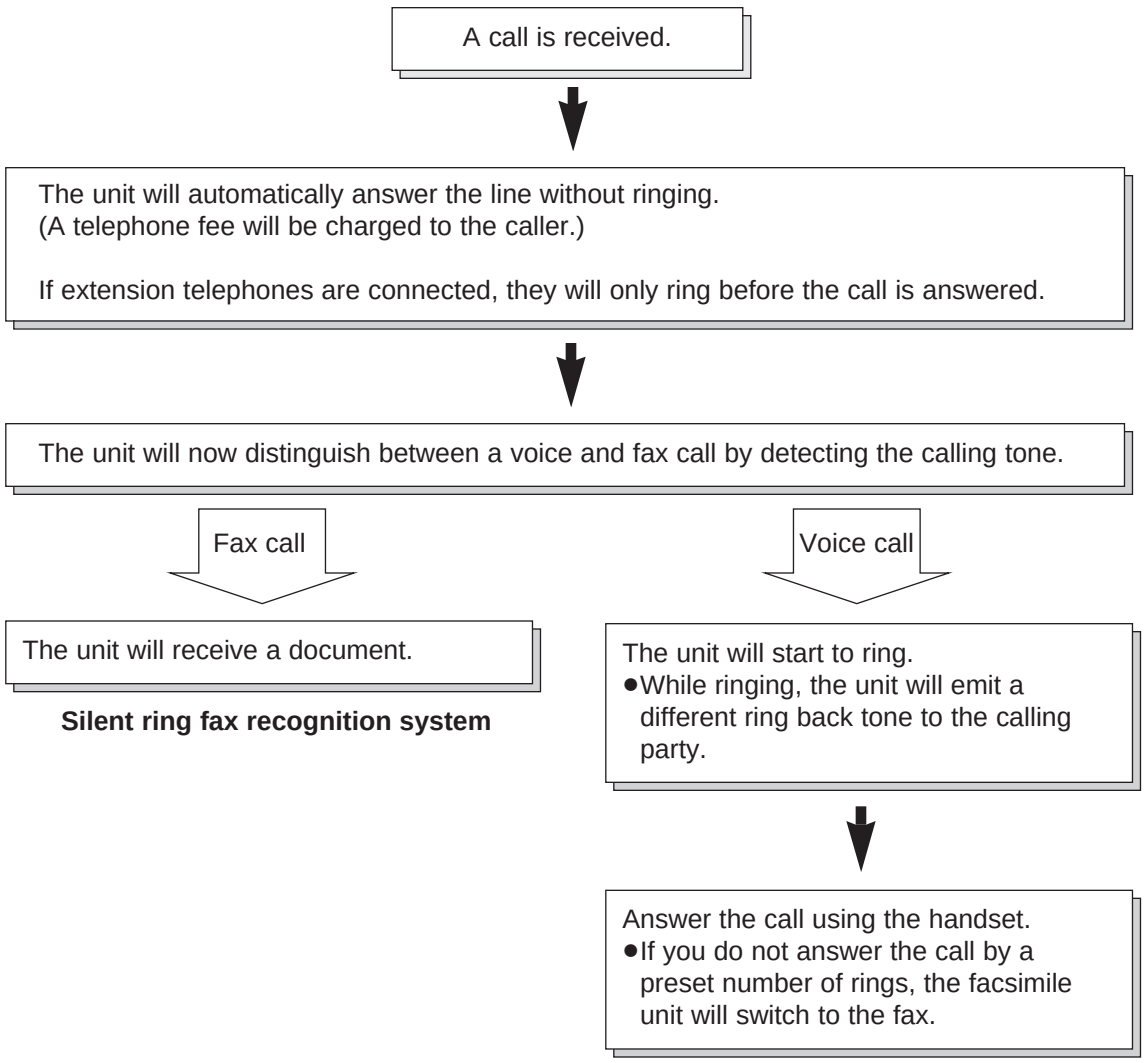
The caller can leave a voice message and send a fax document in the same call.
Inform the caller of the following procedures beforehand.

1. The caller calls your unit.
   - The external telephone answering machine will answer their call.
2. The caller can leave their message after the greeting message.
3. Have the caller press ✳ 9 (remote fax activation code).
   - The facsimile unit will activate the fax function.
4. The caller must then press their start button to send a document.

Note:
- The remote fax activation code can be changed. See page 38.

TEL/FAX mode
(automatic voice and fax recognition)

Use this mode when you wish to receive voice calls with rings, but do not want to hear the unit ring when faxes are received.
When a call is received, the unit will work as follows.


A call is received.
The unit will automatically answer the line without ringing.
(A telephone fee will be charged to the caller.)
If extension telephones are connected, they will only ring before the call is answered.
The unit will now distinguish between a voice and fax call by detecting the calling tone.
Fax call
Voice call
The unit will receive a document.
Silent ring fax recognition system
The unit will start to ring.
●While ringing, the unit will emit a different ring back tone to the calling party.
Answer the call using the handset.
●If you do not answer the call by a preset number of rings, the facsimile unit will switch to the fax.

※ Regarding the ringing pattern of extension phones and the facsimile unit, see “Helpful hints when using the TEL/FAX mode” on the next page.

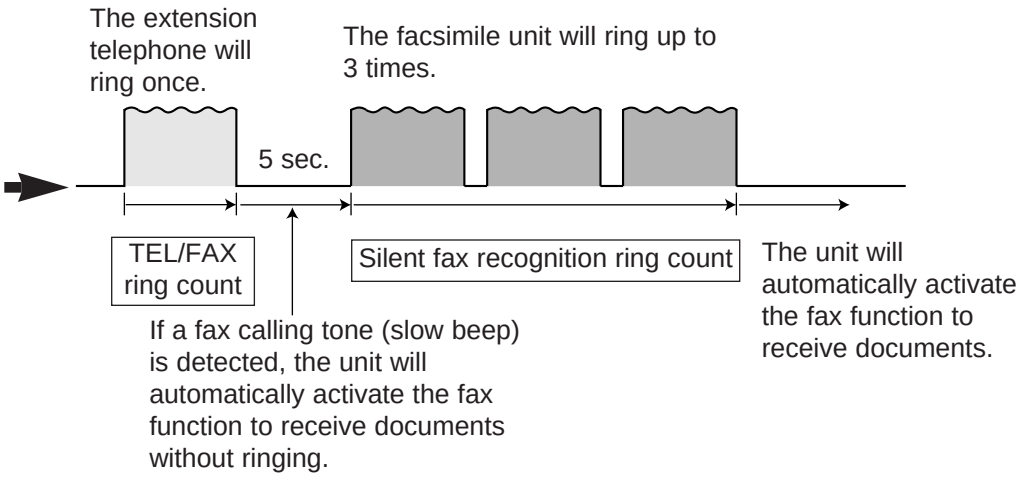
Note:

- Some fax messages that are transmitted manually may not send a calling tone. These calls must be received manually.

TEL/FAX mode (cont.)

Helpful hints when using the TEL/FAX mode

■ **If an extension telephone is connected, the facsimile unit and the extension telephone will ring as follows.**


The extension telephone will ring once.
The facsimile unit will ring up to 3 times.
5 sec.
TEL/FAX ring count
Silent fax recognition ring count
The unit will automatically activate the fax function to receive documents.
If a fax calling tone (slow beep) is detected, the unit will automatically activate the fax function to receive documents without ringing.

Note:

- You can change the number of rings for the TEL/FAX ring count and silent fax recognition ring count (see page 45).

Setting the TEL/FAX mode

Change the MANUAL RECEIVE setting from the TEL mode to TEL/FAX mode.

1 Press **MENU**.

Display: `SYSTEM SET UP`

2 Press #, then 0 8.

`MANUAL RECEIVE`

3 Press **START/COPY/SET**.

`MODE=TEL [▼▲]`

4 Press ▽ or △ to select TEL/FAX.

`MODE=TEL/FAX[▼▲]`

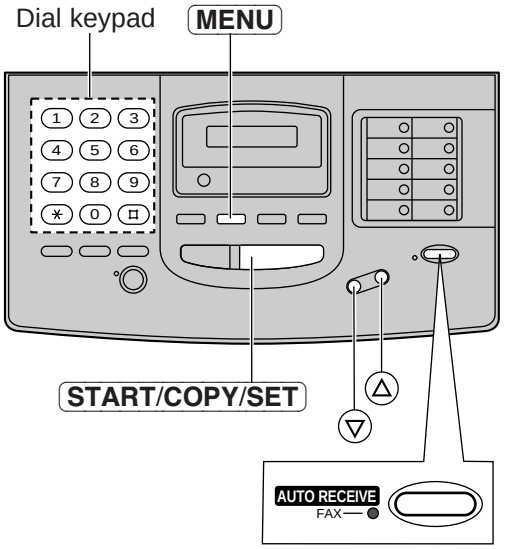
- To return to the TEL mode, select TEL.

5 Press **START/COPY/SET**.

6 Press **MENU**.

7 If the FAX indicator light is on, press **AUTO RECEIVE** to turn off the AUTO RECEIVE mode.

`TEL/FAX MODE`



The FAX indicator is off.

Storing phone numbers for automatic dialing

The unit's memory allows you to use both one-touch dialing and speed dialing for rapid access to your most frequently dialed numbers.

One-touch dialing: 18 stations (Each of the 9 direct station keys is divided into an upper station and a lower station).
- The direct call station 1 key can be used as direct call station 1 (DIAL MODE) or as a broad cast key (PROG. MODE). Both functions cannot be used at the same time.

Speed dialing: 100 additional dialing stations (60 stations if your unit is a KX-FP195). These stations are assigned to 2-digit numbers (00–99 for KX-FP200, 00–59 for KX-FP195).

1 Press **MENU** until the following message is displayed.

Display: `STORE TEL NO.`

2a **One-touch dialing:**

For upper stations (1–9)
Press one of the direct call station keys.

- If you select direct call station 1, select "DIAL MODE" by pressing ▽, then press **START/COPY/SET** to go to the next prompt.

For lower stations (10–18)
Press **LOWER**, then press one of the direct call station keys.

2b **Speed dialing:**

Press #, then press the desired 2-digit number (**00–99** for **KX-FP200** and **00–59** for **KX-FP195**).

3 Enter the phone number up to 30 digits in length.
- To enter a hyphen in a phone number, press **HYPHEN** (direct call station 8).

4 Press **START/COPY/SET**.

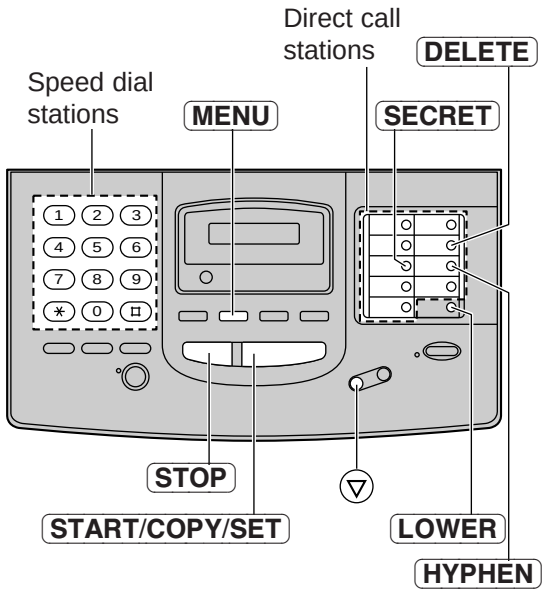
`NAME=`

5 Enter the station name, up to 10 characters, by following the instructions on page 13.

6 Press **START/COPY/SET**.
- To program other stations, repeat steps 2 to 6.

7 Press **STOP**.

Helpful hint:
- To confirm stored phone numbers and station names, print a telephone number list (see page 56).



To keep the phone number secret

Press **SECRET** (direct call station 3) after entering the phone number.
- The phone number will not appear on the display and the telephone number list.
- **SECRET** is not counted as a digit.

To erase a stored number and station name

Press **STOP** in step 3 to erase the phone number. Press **DELETE** (direct call station 7) repeatedly in step 5 until all of the characters are erased.
Then, press **START/COPY/SET**.

Making voice calls using automatic dialing

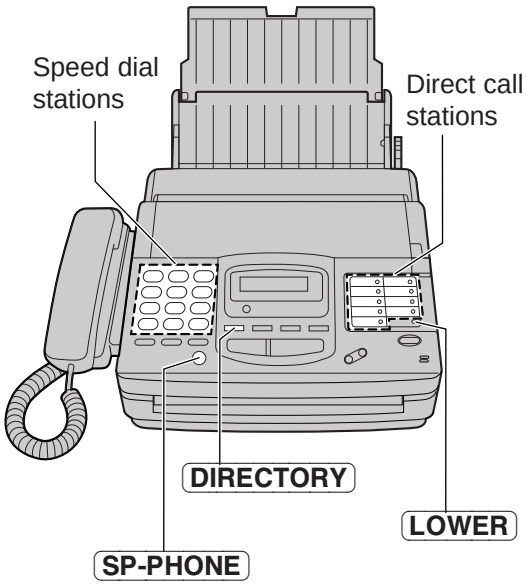
1 Press **SP-PHONE** or lift the handset.

2a **Using one-touch dialing:**

For upper stations (1–9)
Press the desired direct call station key.
For lower stations (10–18)
Press **LOWER**, then press the desired direct call station key.

2b **Using speed dialing:**

Press **DIRECTORY**, then press # and the desired 2-digit number (**00–99** for **KX-FP200** and **00–59** for **KX-FP195**).



Transmitting documents using automatic dialing

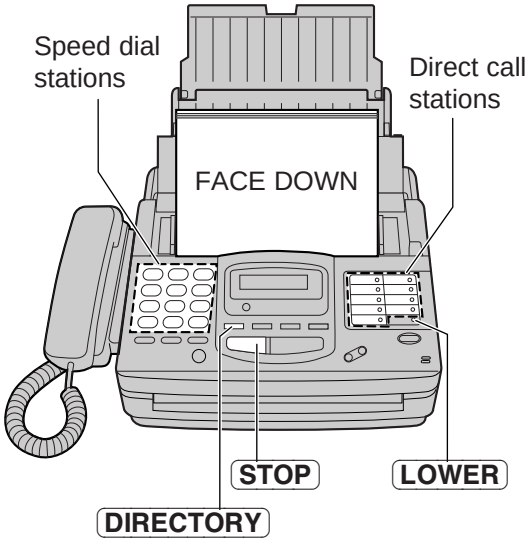
1 Insert the documents FACE DOWN.

2a **Using one-touch dialing:**

For upper stations (1–9)
Press the desired direct call station key.
For lower stations (10–18)
Press **LOWER**, then press the desired direct call station key.

2b **Using speed dialing:**

Press **DIRECTORY**, then press # and the desired 2-digit number (**00–99** for **KX-FP200** and **00–59** for **KX-FP195**).



Fax auto redial

If there is no answer or the line is busy, the unit will automatically redial the number up to 5 times.
This feature is available for delayed transmission (p. 33), and receive polling (p. 32).
During auto redial, the display shows:

Display: `WAITING REDIAL`

To cancel redialing, press **STOP**.

Electronic telephone directory
(selecting a station name in the directory)

The station names stored in memory are automatically registered into the electronic telephone directory in alphabetical order. You can make a fax or voice call by selecting the desired station name on the display.

If you wish to send a fax, insert the documents into the document tray first.

1 Press **DIRECTORY**.

Display: `SELECT INDEX`

2 Press the dial key which the first initial of the station name is assigned (see the index table below).

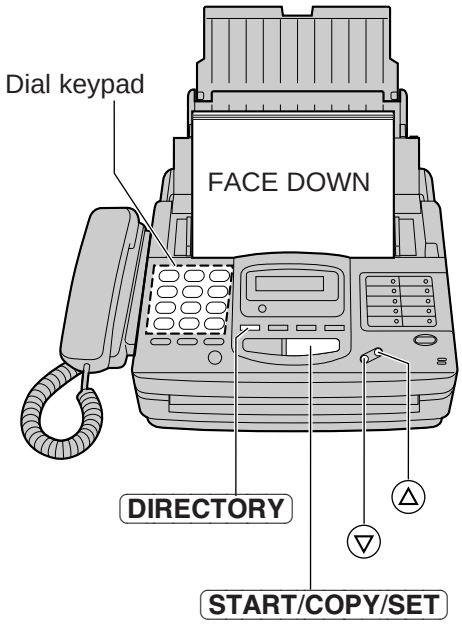
Example: To search a name with starting "N": Press 6 until the first station name with starting "N" is displayed. Press ▽ until the desired name is displayed.

OR

Press ▽ or △ repeatedly until the desired name is displayed.

3 Press **START/COPY/SET**.

- The unit will start dialing.
- If a document is fed into the unit, the unit will start transmission.



Dial key	Index	Dial key	Index
1	1	7	P, Q, R, S, 7
2	A, B, C, 2	8	T, U, V, 8
3	D, E, F, 3	9	W, X, Y, Z, 9
4	G, H, I, 4	0	0
5	J, K, L, 5	*	Other symbols
6	M, N, O, 6	#	(Used for speed dialing.)

Voice contact

(talking to the caller during or after fax reception or transmission)

You can have a conversation with the same call after the fax message is completed. This will save the extra expense and time of making another call.
This feature works only when the other party's unit is equipped with a voice contact feature.

Initiating voice contact

1 Press **SP-PHONE** while transmitting or receiving documents.

Display: `VOICE STANDBY`

- Your unit will call the other party with a distinctive ring.

2 When the other party answers, your unit will emit a distinctive ring.
Press **SP-PHONE** or lift the handset to start talking.

- If you initiate voice contact during transmission, you can talk after all of the documents have been transmitted.
- If you initiate voice contact during reception, you can talk after the current page of the document is received.

Receiving a request for voice contact

If the other party initiates voice contact, your unit will emit a distinctive ring after transmission or reception is completed.

When the distinctive ring is heard, press **SP-PHONE** or lift the handset, then start talking.

Note:
- If you do not answer within 10 seconds of the distinctive ring, the line will be automatically disconnected.

TONE, FLASH and REDIAL/PAUSE buttons

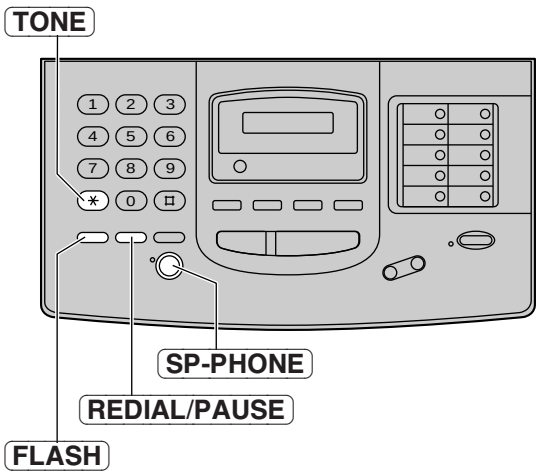
TONE button

The TONE (✳) button is used for rotary pulse dial services and allows you to temporarily change from pulse to tone mode during a dialing operation.
When you hang up, the unit will automatically return to the pulse mode.

FLASH button

The FLASH button functions as the hookswitch on a regular phone. If you misdial or dial another phone number, press the FLASH button firmly.

The FLASH button also allows you to use special features of a host exchange (if connected) or local telephone company services such as call waiting. For further details, contact your local telephone company.



Note:
- TONE, FLASH and PAUSE can be stored into a phone number for automatic dialing.

Redialing the last number dialed

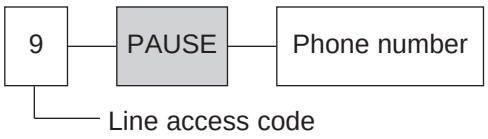
If the REDIAL/PAUSE button is pressed immediately after a dial tone is obtained, the last number dialed will be redialed.

1. Lift the handset or press **SP-PHONE**.
2. Press **REDIAL/PAUSE**.
   - If the line is busy when using the SP-PHONE button, the unit will automatically redial the number up to 14 times.

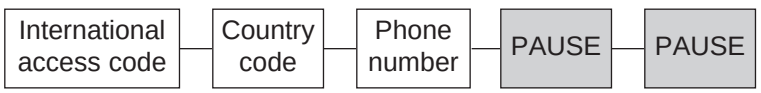
Entering pauses

If the REDIAL/PAUSE button is pressed during dialing, a pause will be inserted.

Example-1: When your unit is connected to a host exchange, insert a pause to get an outside line.



Example-2: If transmission errors occur when making an overseas transmission, add two pauses at the end of the phone number.



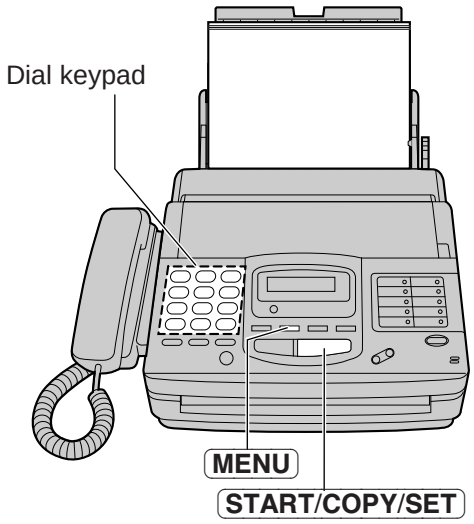
Polling

(retrieving fax documents)

The polling feature allows you to receive a document from another compatible machine where you pay for the call. This saves the sending party the call charges.

Receive polling

To place a call and recover a document from another machine, follow the steps below. Make sure that no documents have been fed into your unit and that the other party's machine is ready for your call.



1 Press **MENU** until the following is displayed.

Display: `POLLING`

2 Press **START/COPY/SET**.

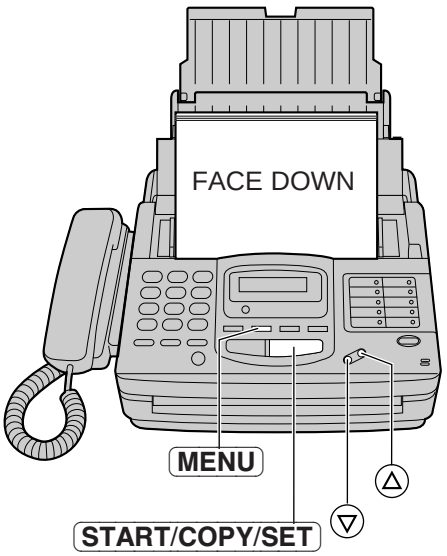
`NO.=`

3 Enter the phone number by using regular dialing, one-touch dialing, speed dialing or the electronic telephone directory (see page 29).

4 Press **START/COPY/SET**.

Transmit polling

A document stored in your unit can be recovered by another party's machine.
To let other machines retrieve documents loaded on your unit, proceed as follows.



1 Insert the documents FACE DOWN.

2 Press **MENU** until the following is displayed.

Display: `POLLED`

3 Press **START/COPY/SET**.

`MODE=OFF [▼▲]`

4 Press ▽ or △ to select "ON".

`MODE=ON [▼▲]`

- If this feature is not required, select "OFF".

5 Press **START/COPY/SET**.

`POLLED ON`

Note:
- This feature will not work when the unit is set to the TEL mode.
- The caller pays for the document transmission.
- When delayed transmission (see the next page) is set to ON, transmit polling is not available.

Delayed transmission
(sending a fax at a later time)

Using a built-in clock, this unit can send documents automatically at a specific time. This allows you to take advantage of low-cost calling hours offered by your telephone company. The delayed transmission can be reserved to take place up to 24 hours in advance.

1 Insert the documents FACE DOWN.

2 Press **MENU**.

Display: `SYSTEM SET UP`

3 Press #, then 2 5.

`DELAYED XMT`

4 Press **START/COPY/SET**.

`MODE=OFF [▼▲]`

5 Press ▽ or △ to select “ON”.

`MODE=ON [▼▲]`

- If this feature is not required, select “OFF”.

6 Press **START/COPY/SET**.

`NO.=`

7 Enter the phone number by using regular dialing, one-touch dialing, speed dialing or the electronic telephone directory.

8 Press **START/COPY/SET**.

`TIME=12:00AM`

9 Enter the transmission start time.

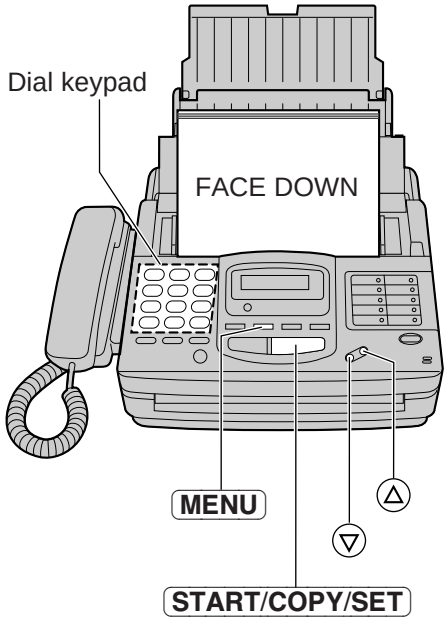
Example: 11:00PM
Press 1 1 0 0, then press ✳ to select PM.
- You can select AM or PM by pressing ✳.

10 Press **START/COPY/SET**.

11 Press **MENU**.

`SEND AT 11:00PM`

- When the programmed time has come, the unit will automatically start transmission.



Note:
- You can receive, transmit and copy documents while delayed transmission is set.
- If the programmed time is during a power failure, delayed transmission will be attempted soon after power is restored.
- When transmit polling (see page 32) is ON, delayed transmission is not available.

Transmitting documents from memory

The unit is able to scan and store documents into memory, and then transmit the stored documents.
The memory capacity is approx. 28 pages for the KX-FP200 and approx. 14 pages for the KX-FP195, based on CCITT No. 1 test chart in standard resolution. For the CCITT No. 1 test chart, see page 74.

Setting the memory transmission

1 Press **MENU**.

Display: `SYSTEM SET UP`

2 Press #, then 1 5.

`MEMORY XMT`

3 Press **START/COPY/SET**.

`MODE=OFF [▼▲]`

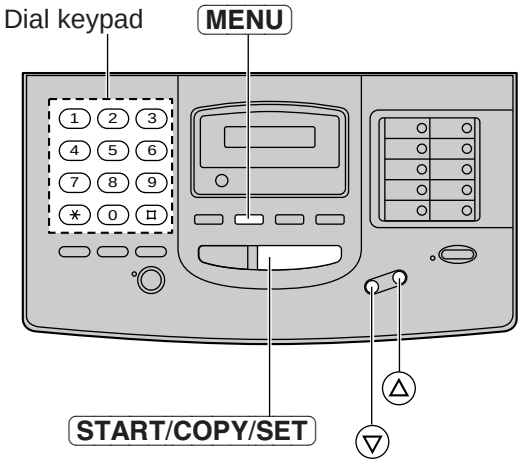
4 Press ▽ or △ to select “ON”.

`MODE=ON [▼▲]`

- If this feature is not required, select “OFF”.

5 Press **START/COPY/SET**.

6 Press **MENU**.



Transmitting documents from memory

1 Insert the documents FACE DOWN.

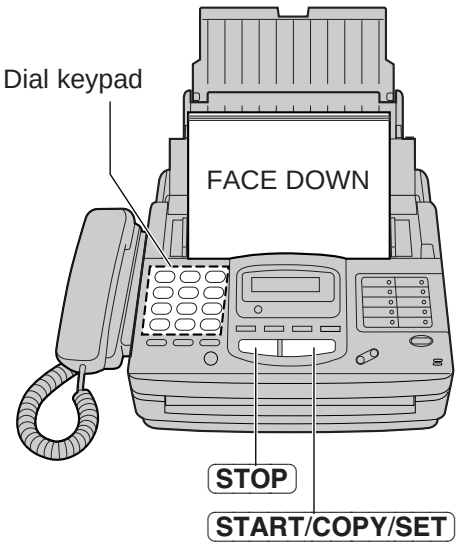
2 Enter the phone number by using regular dialing, one-touch dialing, speed dialing or the electronic telephone directory.

3 When using regular dialing, press **START/COPY/SET**.

- The documents will be fed into the unit and scanned into memory.
  After storing all pages, the unit will transmit the documents.
- The amount of memory used will be shown as a percentage on the display.

Display: `PAGES=01 05`

Amount of memory used



Note:

- The stored documents will be automatically erased after transmission.
- To cancel the memory transmission, press **STOP** during or after scanning the documents.
- If you select the fine, super fine or halftone resolution, the number of documents that can be sent will be decreased.
- If the stored documents exceed the memory capacity, the transmission will be canceled.

Transmitting documents to multistations

This feature is useful when frequently sending the same documents to selected parties whose phone numbers are stored in direct call stations and speed dial stations. You must program these stations into the BROAD CAST key (direct call station 1).

Important:
- Before programming, make sure that the desired phone numbers have been stored into the direct call stations or speed dial stations.
- The BROAD CAST key can be used as direct call station 1 or as the broadcast key.

Programming the BROAD CAST key with phone numbers

1 Press **MENU** until the following is displayed.

Display: `STORE TEL NO.`

2 Press **BROAD CAST**.

`DIAL MODE [▼▲]`

3 Press ▽ or △ to select "PROG. MODE".

`PROG. MODE [▼▲]`

4 Press **START/COPY/SET**.

`NO.= [001]`

5 Enter the phone numbers.

a: Using direct call stations:

For upper stations 2–9, press the preset direct call station key.
For lower stations 10–18, press **LOWER**, then press the preset direct call station key.

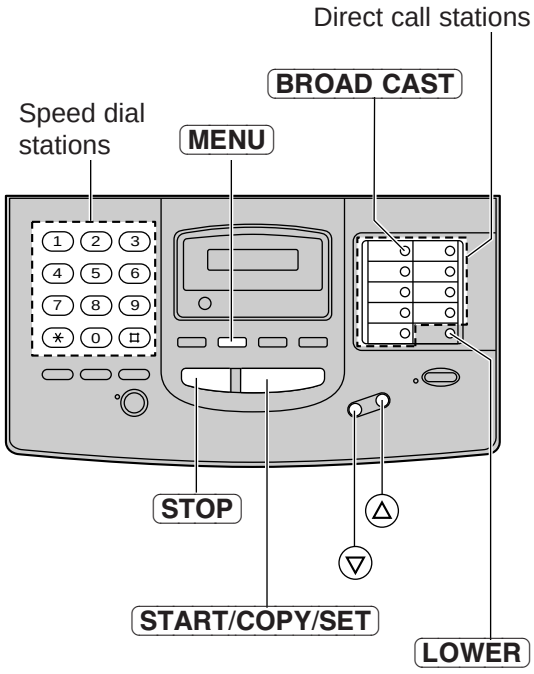
b: Using speed dial stations:

Press # and the preset 2-digit number (**00–99** for **KX-FP200** and **00–59** for **KX-FP195**).

- To enter other phone numbers, repeat this step (up to 117 stations for KX-FP200, 77 stations for KX-FP195).

6 Press **START/COPY/SET** after entering all of the desired phone numbers.

7 Press **STOP**.



Note:
- If you make a mistake while programming, press **STOP**, then make the correction.
- Confirm that you have correctly stored the numbers by printing a telephone number list (see page 56).

Transmitting documents to multistations (cont.)

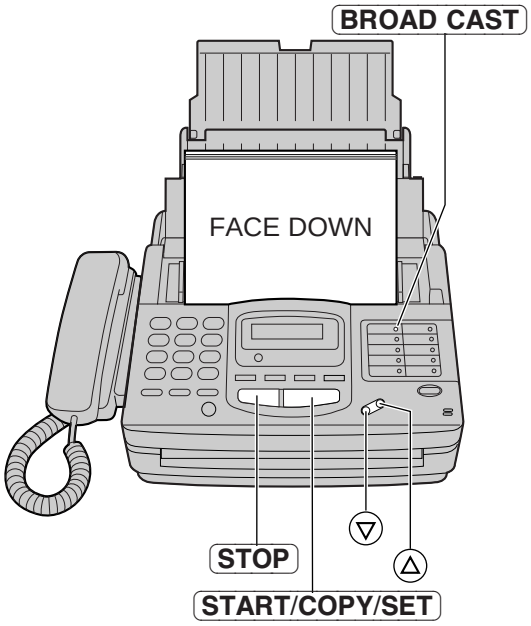
Transmission using the BROAD CAST key

The documents will be scanned and stored into memory when using the BROAD CAST key. After transmission, the stored documents will be erased automatically.
The memory capacity is approx. 28 pages for the KX-FP200 and approx. 14 pages for the KX-FP195, based on CCITT No. 1 test chart in standard resolution. For the CCITT No. 1 test chart, see page 74.

1 Insert the documents FACE DOWN.

2 Press **BROAD CAST**.

- The documents will be fed into the unit and scanned into memory. Then the unit will transmit the data to each station, calling each number sequentially.



Note:

- If you select the fine, super fine or halftone resolution, the number of documents that the unit can transmit will be decreased.
- If one of the stations is busy or does not answer, the station will be skipped. All skipped stations will be redialed up to 5 times after all of the other stations have been called.

Canceling the broadcast setting

1. Press **STOP** during idle status.

Display: `CANCEL BROAD.`

2. Press **START/COPY/SET**.

`=YES [▼▲]`

3. Press ▽ or △ to select “YES”.

4. Press **START/COPY/SET**.

Multitransmission report

After all of the transmissions have been completed, the unit will automatically print the following report.

Sample of a multitransmission report:

MULTI TRANSMISSION REPORT

(1/1)

Jan. 10 1997 03:36PM

NO.	OTHER FACSIMILE	START TIME	USAGE TIME	TX PAGES	RESULT
001	<S02>	Jan. 10 03:31PM	01’10	02	OK
002	<S03>	Jan. 10 03:33PM	01’08	02	OK
003	<S04>	Jan. 10 03:34PM	01’09	02	OK
004	<A05>	Jan. 10 03:35PM	01’10	02	OK
		TOTAL	004’37	008	

Reserving transmission during fax reception

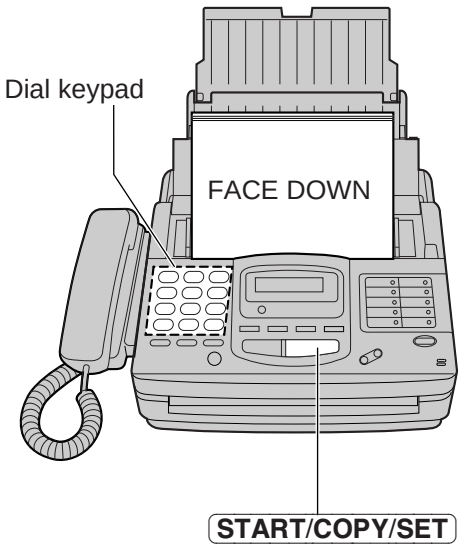
While the unit is receiving documents, you can reserve your fax transmission to another station. The unit will automatically transmit documents after fax reception is completed.

1 Insert the documents FACE DOWN during fax reception.

2 Enter the phone number by using regular dialing, one-touch dialing, speed dialing or the electronic telephone directory.

3 Press **START/COPY/SET**.

Display: `XMT RSV. ON`



To cancel the reservation

Remove the documents from the document tray.

Printing a cover page

The unit can print a cover page to attach to documents you send.

Sample of a cover page

```
[FAX COVER PAGE]

                                        DATE :_____
  TO :     NAME :
           FAX NO. :
FROM :     NAME :
           FAX NO. :
Number of Pages :_____  (including cover page)
Subject / Notes :
```

1 Press **MENU** until the following is displayed.

Display: `PRINT LIST`

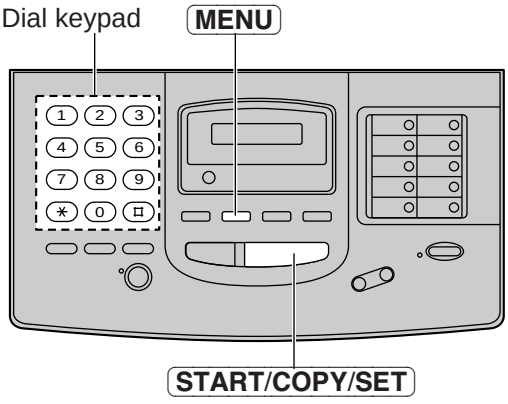
2 Press #, then 7.

`FAX COVER PAGE`

3 Press **START/COPY/SET** to start printing.

`PRINTING`

4 Press **MENU**.



Remote fax receiving

(using an extension phone to receive a fax message)

If you have an extension phone connected to your facsimile unit or on the same line, it is possible to receive a manual fax message. Using the extension phone, dial the remote fax activation code.
This saves you from going to the facsimile unit and pressing **START/COPY/SET**.

Important:
- To activate this feature, use a touch tone telephone as the extension phone and enter the remote fax activation code **FIRMLY**.
- The remote fax activation code is set to "✳9" as a pre-selected setting.

Receiving using an extension phone

1 When a call is received, lift the handset of the extension phone.

2 When:
—document reception is required,
—a slow beep is heard, or
—no sound is heard,
enter the remote fax activation code **FIRMLY**.

3 Hang up the handset.
- The facsimile unit is activated for reception.

Extension phone

Changing the remote fax activation code

This code can be from 2 to 4 digits in length using numbers 0 through 9, and the character ✳.

1 Press **MENU**.

Display: `SYSTEM SET UP`

2 Press #, then 4 1.

`REMOTE FAX ACT.`

3 Press **START/COPY/SET**.

`MODE=ON [▼▲]`

4 Press ▽ or △ to select the desired setting.
- If this feature is not required, select "OFF".

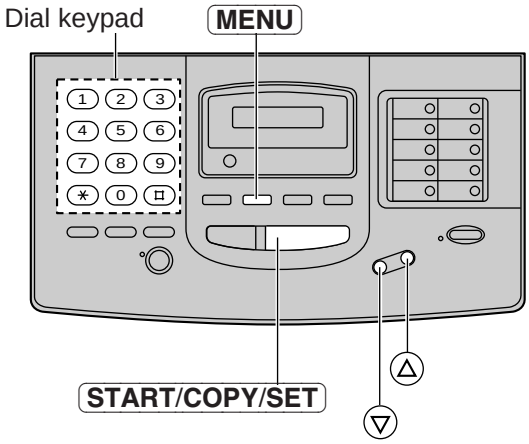
5 Press **START/COPY/SET**.

`CODE=✳9`

6 Enter the new code number.

7 Press **START/COPY/SET**.

8 Press **MENU**.



Note:
- Some special telephone company services will require you to press a service access code. If you subscribe to such services, all or part of the remote fax activation code must be different from the service access code.
- If the remote fax activation code is set to "0000", this feature will not work properly.

Junk mail prohibitor

(preventing the reception of unwanted fax documents)

This feature prevents reception from facsimile machines whose phone numbers are not stored in one-touch dialing and speed dialing.
Store the phone numbers from where you want to receive documents (see page 27).

Important:
- This feature does **not** work when:
  —the unit is set to the TEL mode,
  —manual reception is performed, or
  —the other party does not program their facsimile telephone number correctly.

Setting the junk mail prohibitor

1 Press **MENU**.

Display: `SYSTEM SET UP`

2 Press #, then 2 4.

`JUNK MAIL PROH.`

3 Press **START/COPY/SET**.

`MODE=OFF [▼▲]`

4 Press ▽ or △ to select “ON”.

`MODE=ON [▼▲]`

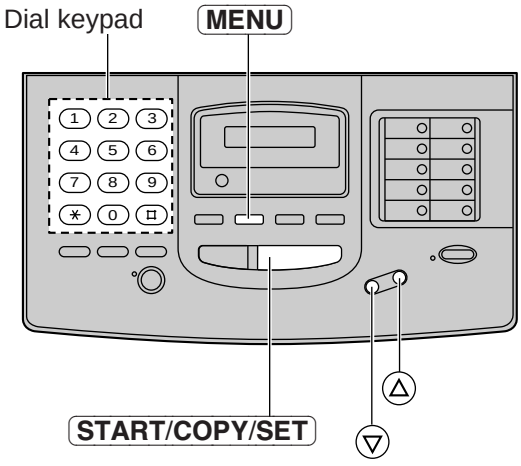
- If this feature is not required, select “OFF”.

5 Press **START/COPY/SET**.

`PRINTING`

- The unit will print a list of the telephone numbers from where the unit can receive documents. Confirm that the desired facsimile numbers are programmed.

6 Press **MENU**.



Receiving with a distinctive ring service

This feature can only be used by those who subscribe to a distinctive ring pattern service from their telephone company. For more information on the availability of this service, please contact your telephone company before setting this feature to ON.

The distinctive ring service gives you up to 3 phone numbers on a single telephone line, each having a different ringing pattern.
When you use one of the phone numbers as a facsimile number, program the ringing pattern assigned for fax into your unit. When the unit detects a call matching the selected distinctive ringing pattern, the unit will activate depending on the receive mode setting.

Setting the distinctive ringing pattern

Program the ring pattern assigned for fax. Ringing patterns that can be programmed are;
A: Standard ring (one long ring)
B: Double ring (two short rings)
C: Triple ring (short-long-short rings)
D: Other triple ring (short-short-long rings)
OFF: Turns off the ring pattern detection feature (pre-selected setting)

1 Press **MENU**.

Display: `SYSTEM SET UP`

2 Press #, then 3 1.

`RING DETECTION`

3 Press **START/COPY/SET**.

`MODE=OFF [▼▲]`

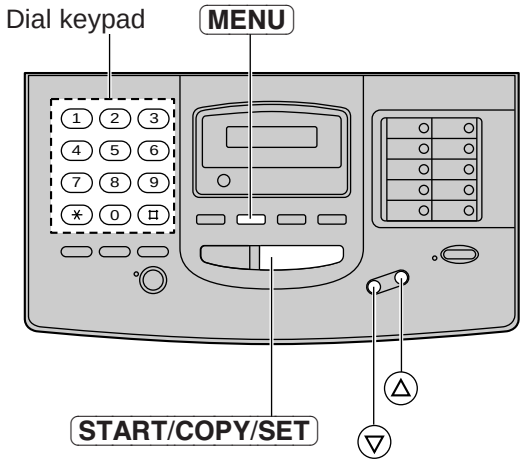
4 Press ▽ or △ to select the ring pattern assigned for the facsimile number.

5 Press **START/COPY/SET**.

`PRINTING`

- The unit will print an information list.

6 Press **MENU**.



How the unit will answer in each receive mode

■ **EXT.TAM mode:** When a distinctive ringing pattern that matches your selection is detected, the unit will automatically answer the line and activate the fax function to receive documents.
If other ringing patterns are received, the facsimile unit and the answering machine will activate depending on the call.

■ **TEL/FAX mode:** When a distinctive ringing pattern that matches your selection is detected, the unit will automatically answer the line and activate the fax function to receive documents.
If other ringing patterns are received, the unit will ring until you answer the call.

■ **TEL mode:** In this mode, you have to answer all calls manually.

■ **FAX mode:** In this mode, the unit will answer all calls and activate the fax function.

Note:

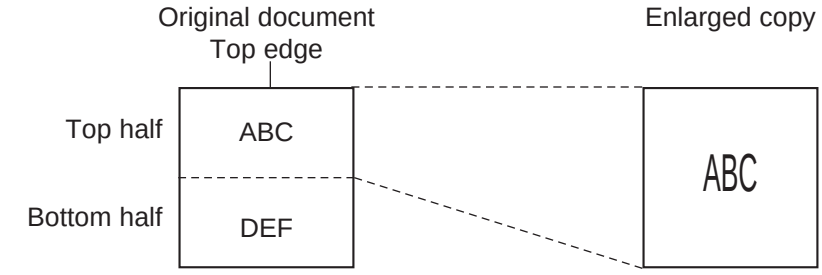
- The unit automatically answers a distinctive ring call after the second ring. To change the number of rings, change the FAX mode ring count (page 44) after setting the ringing pattern.

Making an extension copy

Use this feature to enlarge a document to twice the length of the paper that is currently being used in the paper tray. This feature is used to reverse the film/paper save function (see page 48).

Sample of enlarged copy:

When you wish to enlarge the top half of the document:



Insert the document into the unit from the top edge side FACE DOWN.

1 Insert the documents FACE DOWN.

2 Press **MENU**.

Display: `SYSTEM SET UP`

3 Press #, then 3 4.

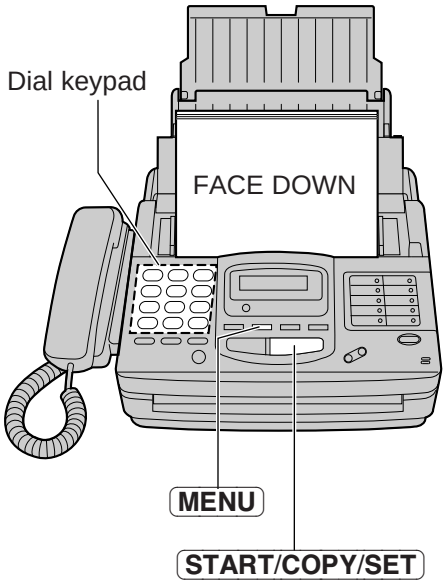
`EXTENSION COPY`

4 Press **START/COPY/SET**.

`COPYING`

- The unit will start printing.

5 After printing, press **MENU**.



Note:

- You cannot select FINE, SUPER FINE or HALF TONE resolution for this feature.
- To make an enlarged copy of the whole page whose length is as long as, or shorter than the installed paper, proceed as follows.
  First insert the top half of the original document into the feeder tray and copy. Then turn the original around and insert the bottom half of the document into the feeder tray and copy.

Making a reduction copy

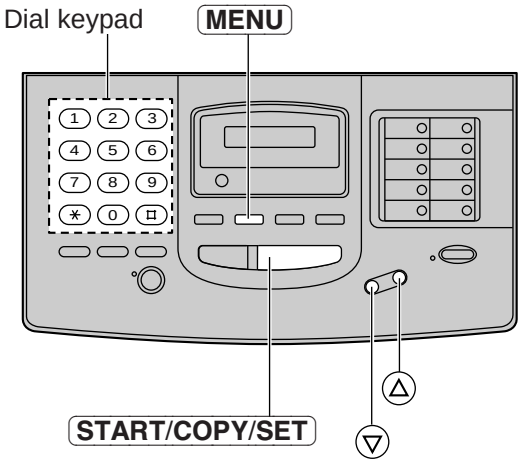
When you copy documents that are longer than the recording paper, the unit can reduce the original document and print it out on one page by programming a suitable reduction rate. The reduction rate is determined by a combination of the size of the recording paper and original document.

■ **Recommended reduction rate:**

Mode	Size of recording paper	Size of original document
OFF (pre-selected)	Letter	Letter
	Legal	Letter, A4, Legal
92%	Letter	A4
72%	Letter	Legal

Letter = 216 × 279 mm (8½″ × 11″)
Legal = 216 × 356 mm (8½″ × 14″)
A4 = 210 × 297 mm (may not be available in the United States.)

To program a reduction rate, proceed as follows:



1 Press **MENU**.

Display: `SYSTEM SET UP`

2 Press #, then 3 5.

`COPY REDUCTION`

3 Press **START/COPY/SET**.

`MODE=OFF [▼▲]`

4 Press ▽ or △ to select the desired setting.

- If this feature is not required, select “OFF”.

5 Press **START/COPY/SET**.

6 Press **MENU**.

Note:

- If the appropriate reduction rate is not programmed, the document may be divided and the top of the second sheet will be deleted.

Summary of user programmable features

Basic features

Code	Feature	Preselected setting	Available settings	Page
#01	SET DATE & TIME			12
#02	YOUR LOGO			13
#03	YOUR TELEPHONE NUMBER			14
#04	PRINT TRANSMISSION REPORT	OFF	ERROR, ON, OFF	57
#05	AUTO RECEIVE MODE	FAX	FAX, EXT.TAM	23
#07	FAX RING COUNT	1 ring	1–4 rings	44
#08	MANUAL RECEIVE MODE	TEL	TEL, TEL/FAX	26
#09	TEL/FAX DELAYED RING	1 ring	1–4 rings	45
#12	REMOTE TAM ACTIVATION	OFF/ID=11	ON, OFF	24
#13	DIALING MODE	AUTO	AUTO, TONE, PULSE	46
#15	MEMORY TRANSMISSION	OFF	ON, OFF	34

Advanced features

Code	Feature	Preselected setting	Available settings	Page
#21	LOGO POSITION	OUT	OUT, IN	46
#22	JOURNAL AUTO PRINT	ON	ON, OFF	57
#23	OVERSEAS MODE	OFF	ON, OFF	47
#24	JUNK MAIL PROHIBITOR	OFF	ON, OFF	39
#25	DELAYED TRANSMISSION	OFF	ON, OFF	33
#30	SILENT FAX RECOGNITION RING	3 rings	3–6 rings	45
#31	RING DETECTION	OFF	OFF, A, B, C, D	40
#33	FILM/PAPER SAVE	OFF	ON, OFF	48
#34	EXTENSION COPY			41
#35	COPY REDUCTION	OFF	92%, 72%, OFF	42
#36	RECEIVE REDUCTION	92%	92%, 86%, 72%, OFF	49
#39	LCD CONTRAST	NORMAL	NORMAL, DARKER	50
#40	SILENT DETECTION	ON	ON, OFF	51
#41	REMOTE FAX ACTIVATION CODE	ON/CODE=✳9	ON, OFF	38
#44	RECEIVE ALERT	ON	ON, OFF	52
#46	FRIENDLY RECEPTION	ON	ON, OFF	52
#70	FAX PAGER	OFF	ON, OFF	53
#79	FILM DETECTION	ON	ON, OFF	54
#80	SET DEFAULT	NO	YES, NO	55

Setting the FAX mode ring count

This feature determines the number of rings after which the unit answers a call in the FAX mode.
You can choose from 1 to 4 rings.

Helpful hints:
- To answer a call before the unit does, increase the number of rings.
- If you find receiving faxes from machines with the automatic transmission feature difficult, decrease the number of rings.

1 Press **MENU**.

Display: `SYSTEM SET UP`

2 Press #, then 0 7.

`FAX RING`

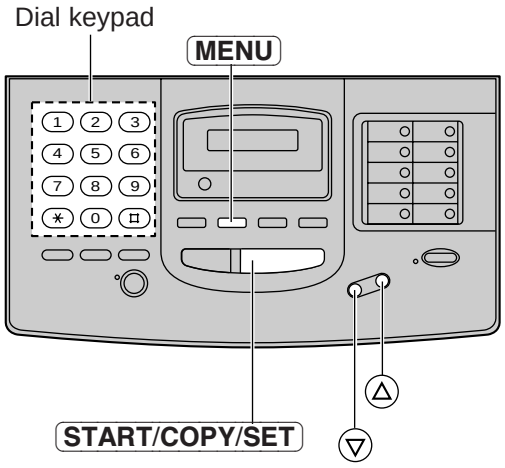
3 Press **START/COPY/SET**.

`RING=1 [▼▲]`

4 Press ▽ or △ to select the desired number.

5 Press **START/COPY/SET**.

6 Press **MENU**.



Setting the TEL/FAX mode ring count

This feature determines the number of rings after which the unit automatically answers a call in the TEL/FAX mode.
You can choose from 1 to 4 rings.

1 Press **MENU**.

Display: `SYSTEM SET UP`

2 Press #, then 0 9.

`TEL/FAX RING`

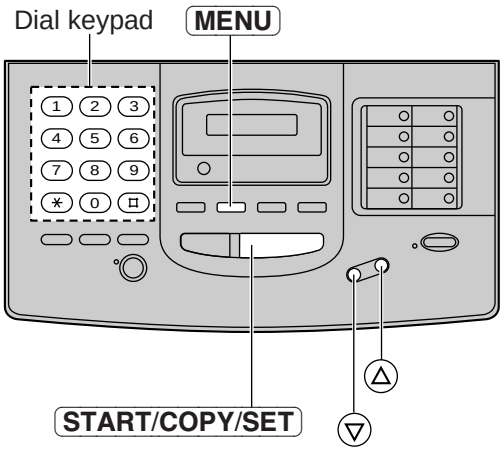
3 Press **START/COPY/SET**.

`RING=1 [▼▲]`

4 Press ▽ or △ to select the desired number.

5 Press **START/COPY/SET**.

6 Press **MENU**.



Note:

- You may not be able to receive documents from some facsimile machines of an old type if you increase the number of rings.

Setting the silent fax recognition ring count

When a fax call is received in the TEL/FAX mode, the unit will automatically activate the fax function without ringing. If the unit detects a voice call, it will ring. If a voice call is not answered within the selected number of rings (3 to 6 rings), the unit will switch back to the fax mode. This is for machines that do not send a calling tone.

1 Press **MENU**.

Display: `SYSTEM SET UP`

2 Press #, then 3 0.

`SILENT FAX RING`

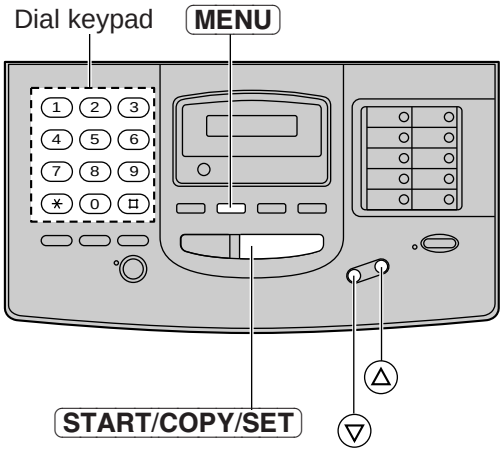
3 Press **START/COPY/SET**.

`RING=3 [▼▲]`

4 Press ▽ or △ to select the desired setting.

5 Press **START/COPY/SET**.

6 Press **MENU**.



Note:

- You may not be able to receive documents from some facsimile machines of an old type if you increase the number of rings.

Setting the dialing mode

The unit will automatically set the dialing mode to TONE or PULSE when the unit is turned on if this feature is set to AUTO.
If you cannot dial, change the dialing mode setting to TONE or PULSE by following the instructions below.

1 Press **MENU**.

Display: `SYSTEM SET UP`

2 Press #, then 1 3.

`DIALING MODE`

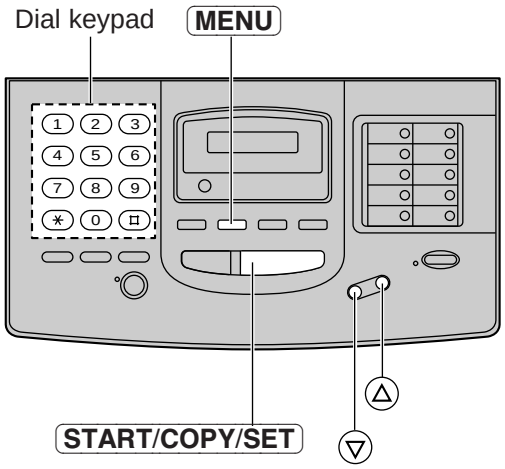
3 Press **START/COPY/SET**.

`MODE=AUTO [▼▲]`

4 Press ▽ or △ to select the desired setting.

5 Press **START/COPY/SET**.

6 Press **MENU**.



Note:
- If you change the dialing mode setting to TONE or PULSE, set the dialing mode again when you change the line service.

Changing the logo print position

The logo, telephone number, date, time and page number will be printed on the transmitted document from your unit in the following manner.

OUT: Outside of the transmitted document's paper size (pre-selected setting).
IN: Inside of the transmitted document's paper size.

1 Press **MENU**.

Display: `SYSTEM SET UP`

2 Press #, then 2 1.

`LOGO POSITION`

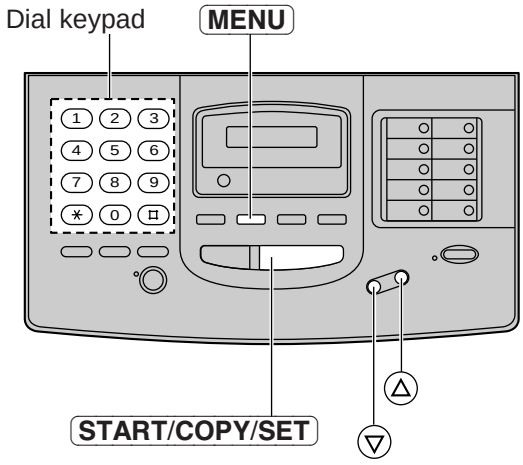
3 Press **START/COPY/SET**.

`MODE=OUT [▼▲]`

4 Press ▽ or △ to select the desired setting.

5 Press **START/COPY/SET**.

6 Press **MENU**.



Sending documents overseas

You may experience difficulty in transmitting documents overseas. This feature makes sending documents easier as the transmission speed is slowed down. Before starting transmission, follow the steps below.

1 Press **MENU**.

Display: SYSTEM SET UP

2 Press #, then 2 3.

OVERSEAS MODE

3 Press **START/COPY/SET**.

MODE=OFF [▼▲]

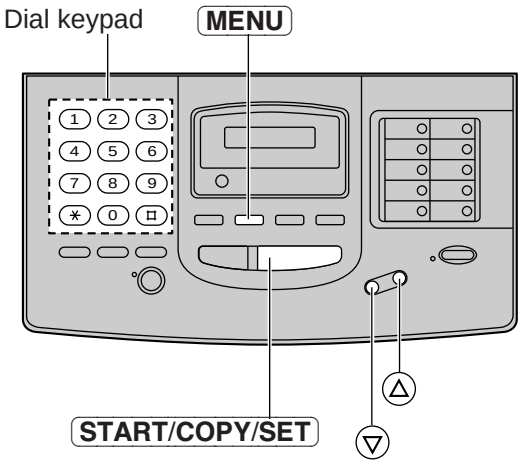
4 Press ▽ or △ to select “ON”.

MODE=ON [▼▲]

- If this feature is not required, select “OFF”.

5 Press **START/COPY/SET**.

6 Press **MENU**.



Note:

- After transmission, this feature will turn off automatically.
- This feature is not available for transmission using the BROAD CAST key.

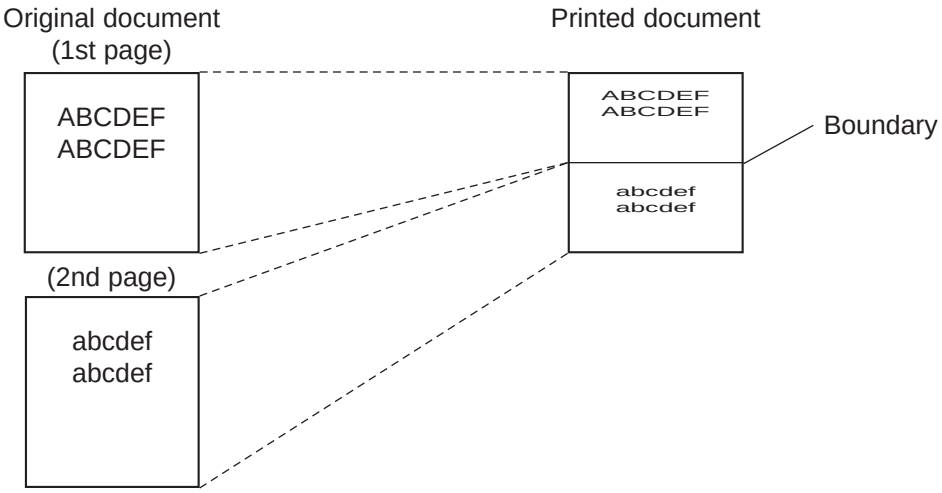
Film/Paper save reception

Use this feature if you wish to save film and recording paper when receiving two or more faxed pages. When this feature is set, the unit will reduce documents to half their length and print out two pages of documents on one page. A boundary will be printed out between the documents.

Important:

- This feature will not work when the other party sends a document in fine resolution or other nonstandard resolutions.

Sample of paper save print:



To set the film/paper save reception, follow the steps below.

1 Press **MENU**.

Display: `SYSTEM SET UP`

2 Press #, then 3 3.

`FILM/PAPER SAVE`

3 Press **START/COPY/SET**.

`MODE=OFF [▼▲]`

4 Press ▽ or △ to select “ON”.

`MODE=ON [▼▲]`

- If this feature is not required, select “OFF”.

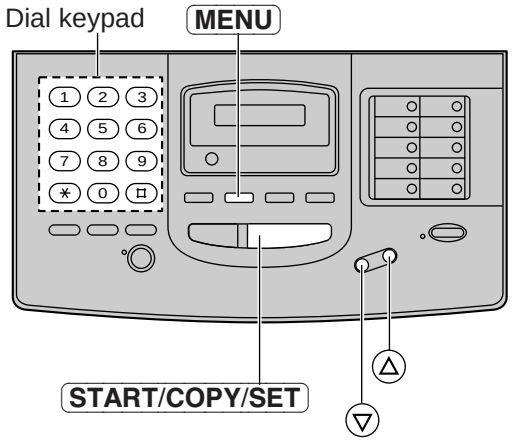
5 Press **START/COPY/SET**.

6 Press **MENU**.

—If this feature is set to “ON”, an arrow mark will be displayed.

`▼ 00`

FILM/PAPER SAVE MEMORY%



Note:

- When a reduced document is longer than the recording paper, it will be printed on two pages. The continuation will be printed on next page and there may be wasted space. In this case, paper and film will not be saved. If you wish to fit the document onto one page, set this feature to off and program a suitable reduction rate for reception (see the next page).
- When documents are longer than legal size, the unit will not print the next page of the document on the same page.
- Paper and film will not be saved for a one page document and the last page of odd numbered documents (3, 5, 7 pages, etc.).

Receiving oversized documents

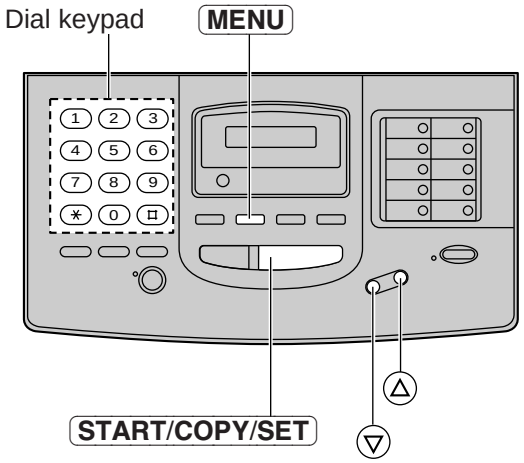
When the size of the documents sent by the other party is as large as, or larger than the recording paper, the unit can reduce each page of the document and print it out on the recording paper by programming a suitable reduction rate.
The reduction rate is determined by a combination of the size of the recording paper and received document.

■ **Recommended reduction rate:**

Mode	Size of recording paper	Size of original document
OFF	Legal	Letter, A4
92% (pre-selected)	Letter	Letter
	Legal	Legal
86%	Letter	A4
72%	Letter	Legal

Letter = 216 × 279 mm (8½″ × 11″)
Legal = 216 × 356 mm (8½″ × 14″)
A4 = 210 × 297 mm (may not be available in the United States.)

To program a reduction rate, proceed as follows:



1 Press **MENU**.

Display: `SYSTEM SET UP`

2 Press #, then 3 6.

`RX REDUCTION`

3 Press **START/COPY/SET**.

`MODE=92%  [▼▲]`

4 Press ▽ or △ to select the desired setting.

- If this feature is not required, select “OFF”.

5 Press **START/COPY/SET**.

6 Press **MENU**.

Note:
- This feature is not available when the film/paper save reception feature is set to ON (see page 48).
- Documents received by facsimile frequently have a heading on the top of each page which contains the sender’s name/phone number. This increases the length of each page. Therefore, it is recommended to use the reduction mode.
- If the appropriate reduction rate is not programmed, the document will be divided.

Changing the display contrast

Use this feature to adjust the brightness of the display.

NORMAL: (Pre-selected setting)
DARKER: Used when the display contrast is too light.

1 Press **MENU**.

Display: `SYSTEM SET UP`

2 Press #, then 3 9.

`LCD CONTRAST`

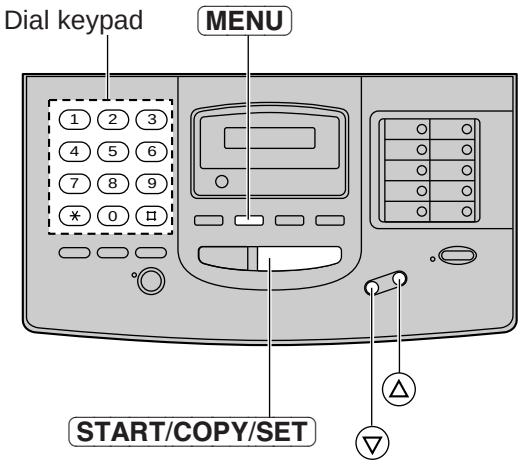
3 Press **START/COPY/SET**.

`MODE=NORMAL [▼▲]`

4 Press ▽ or △ to select the desired setting.

5 Press **START/COPY/SET**.

6 Press **MENU**.



Setting the silent detection

This feature allows the facsimile unit to activate the fax function automatically when a silent pause longer than 4 seconds is detected in the EXT.TAM mode.

Helpful hints:

- If you wish to receive documents from stations that do not send a calling tone after dialing, activate this feature.
- If you use a single cassette tape to give greeting messages and record incoming messages, deactivate this feature.

1 Press **MENU**.

Display: `SYSTEM SET UP`

2 Press #, then 4 0.

`SILENT DETECT.`

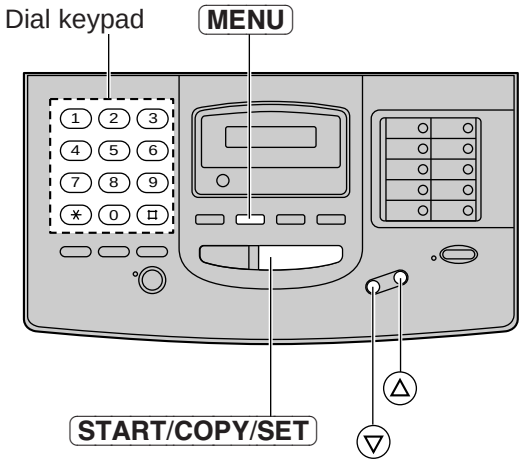
3 Press **START/COPY/SET**.

`MODE=ON [▼▲]`

4 Press ▽ or △ to select the desired setting.

5 Press **START/COPY/SET**.

6 Press **MENU**.



Setting the memory reception alert

When received documents are stored into memory, the unit will alert you with beep tones. If you hear slow beeps, clear the printing problem or supply paper to print the stored documents. The beep tones will stop.

1 Press **MENU**.

Display: `SYSTEM SET UP`

2 Press #, then 4 4.

`RECEIVE ALERT`

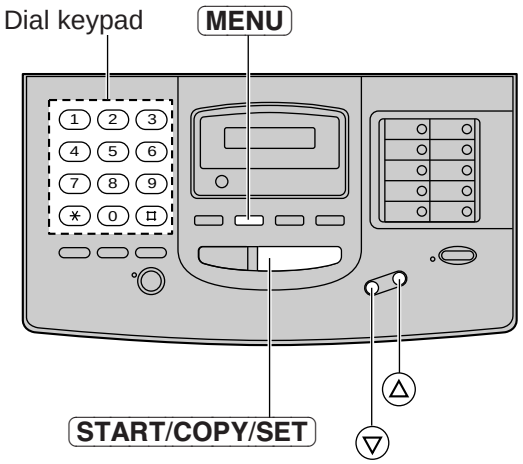
3 Press **START/COPY/SET**.

`MODE=ON [▼▲]`

4 Press ▽ or △ to select the desired setting.

5 Press **START/COPY/SET**.

6 Press **MENU**.



Setting the friendly reception

The friendly reception feature allows you to receive fax documents automatically without pressing **START/COPY/SET**. See page 20 for further details.
If you set this feature to OFF, you will have to press **START/COPY/SET** to receive fax documents each time you answer a call.

1 Press **MENU**.

Display: `SYSTEM SET UP`

2 Press #, then 4 6.

`FRIENDLY RCV`

3 Press **START/COPY/SET**.

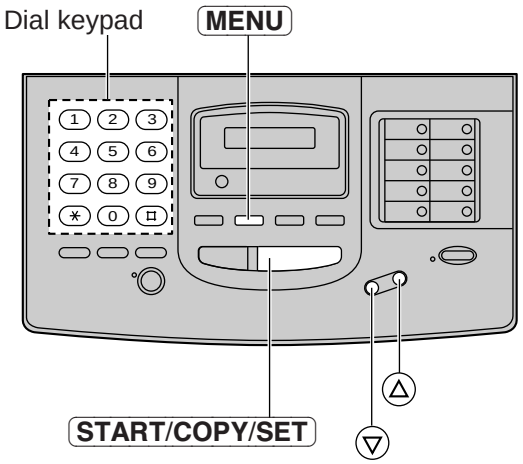
`MODE=ON [▼▲]`

4 Press ▽ or △ to select the desired setting.

- If this feature is not required, select “OFF”.

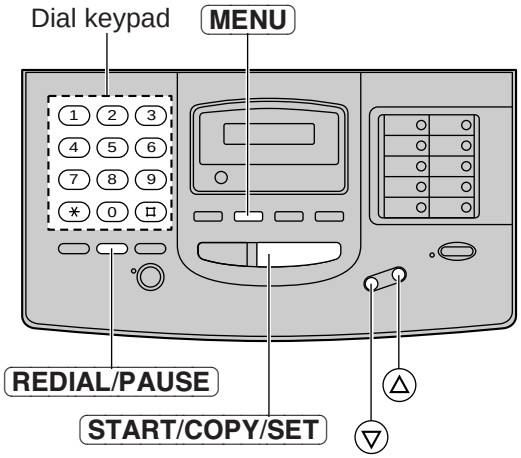
5 Press **START/COPY/SET**.

6 Press **MENU**.



Signaling your pager that you have received a fax document

This feature allows your unit to call your pager when your unit receives a fax message.



1 Press **MENU**.

Display: `SYSTEM SET UP`

2 Press #, then 7 0.

`FAX PAGER`

3 Press **START/COPY/SET**.

`MODE=OFF [▼▲]`

4 Press ▽ or △ to select “ON”.

`MODE=ON [▼▲]`

- If this feature is not required, select “OFF”.

5 Press **START/COPY/SET**.

`NO.=`

6 Enter your pager phone number.

- If this feature does not work properly, press **REDIAL/PAUSE** more than one time at the end of your pager phone number to extend the paging time.

  If you wish to display a message on your pager, enter the message after your pager phone number and **REDIAL/PAUSE**.
  Programming methods may vary depending on the pager company. Contact your pager company for details.

- You can enter a total of 46 digits and/or pauses.

7 Press **START/COPY/SET**.

8 Press **MENU**.

Note:

- This feature is not available when the receive mode is set to the TEL mode.

Setting the film detection

If this feature is activated, the display will show the following message when the remaining film prints approx. 15 letter size documents.

Display: `FILM NEAR EMPTY`

- If you are using regular film (100 m roll), the unit also prints a report.

1 Press **MENU**.

Display: `SYSTEM SET UP`

2 Press #, then 7 9.

`FILM DETECTION`

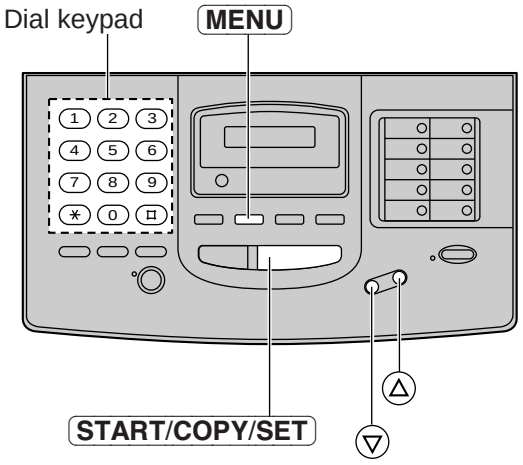
3 Press **START/COPY/SET**.

`MODE=ON [▼▲]`

4 Press ▽ or △ to select the desired setting.

5 Press **START/COPY/SET**.

6 Press **MENU**.



Resetting the advanced features

Use this feature to return the advanced features (see page 43) to their initial settings.

1 Press **MENU**.

Display: `SYSTEM SET UP`

2 Press #, then 8 0.

`SET DEFAULT`

3 Press **START/COPY/SET**.

`RESET=NO [▼▲]`

4 Press ▽ or △ to select “YES”.

`RESET=YES [▼▲]`

5 Press **START/COPY/SET**.

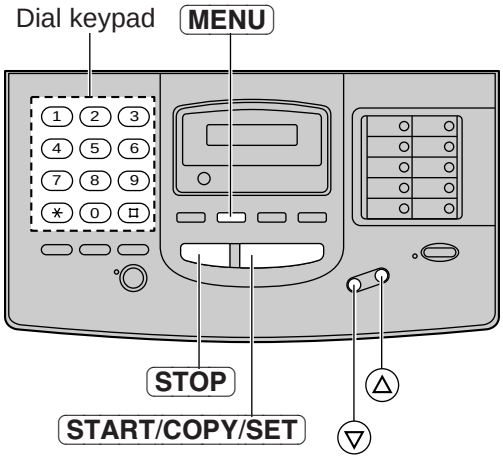
`RESET OK?`

- If this feature is not required, press **STOP**.

6 Press **START/COPY/SET** again for confirmation.

`RESET COMPLETED`

7 Press **MENU**.



Printing reports and lists

You can print out the following reports/lists from your unit.

Feature list—provides you with the current settings of the basic and advanced programming features (see page 43).

Telephone number list—provides you with phone numbers and their station names which are stored in automatic dialing. Phone number codes are as shown below.

P: A pause has been entered.
F: A flash has been entered.
[ ]: A secret phone number has been entered. (The telephone number is not printed.)

Journal report—keeps records of fax transmissions and receptions (see page 58 for a sample of the report). This report will be printed automatically after every 35 fax communications, but also can be printed manually. You can change the setting of the journal auto print feature (see page 57).

Printer test list—allows you to check the print quality of your unit. If the test print has a dirty pattern, or blurred points or lines, clean the thermal head (see page 69).

Transmission report—provides you with a printed record of the fax transmission result (see pages 57 and 58).

How to print reports and lists

1 Press **MENU** until the following is displayed.

Display: `PRINT LIST`

2 **For the feature list**, press #, then 1.

`SETUP LIST`

For the telephone number list, press #, then 3.

`TEL NO. LIST`

For the journal report, press #, then 4.

`JOURNAL REPORT`

For the printer test list, press #, then 5.

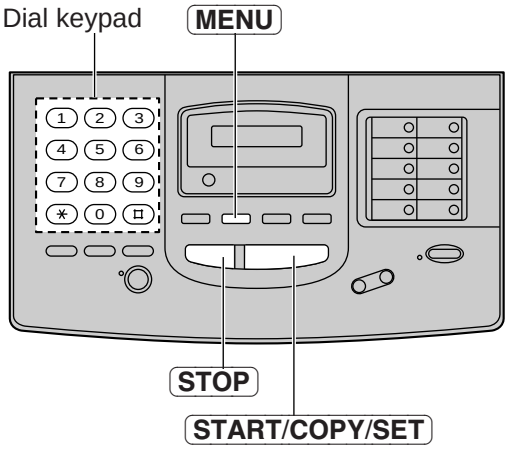
`PRINTER TEST`

3 Press **START/COPY/SET** to start printing.

`PRINTING`

- To interrupt printing, press **STOP**.

4 After printing, press **MENU**.



Setting the transmission report printing

One of the following choices is available.

ERROR: The transmission report will print out only when fax transmission fails.
ON: The report will always print out, indicating whether fax transmission is successful or not.
OFF: The report will not print (pre-selected setting).

1 Press **MENU**.

Display: SYSTEM SET UP

2 Press #, then 0 4.

TX-REPORT MODE

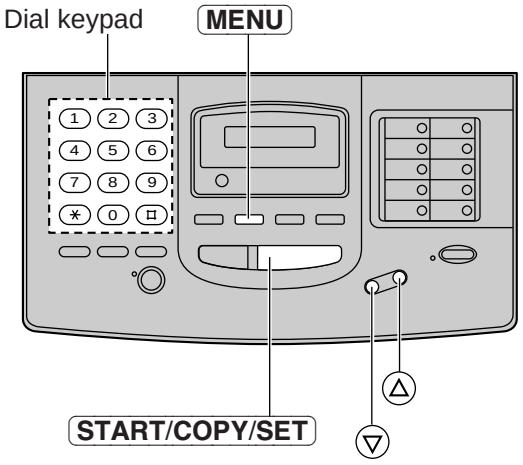
3 Press **START/COPY/SET**.

MODE=OFF [▼▲]

4 Press ▽ or △ to select the desired setting.

5 Press **START/COPY/SET**.

6 Press **MENU**.



Setting the journal report to automatically print

This unit will automatically print a journal report after every 35 fax communications. After printing, the journal report will still remain in memory and the oldest communication will be erased when a new communication occurs.
When this feature is deactivated, the unit will store the records of the last 35 fax communications, but the unit will not print the journal report automatically.

1 Press **MENU**.

Display: SYSTEM SET UP

2 Press #, then 2 2.

AUTO JOURNAL

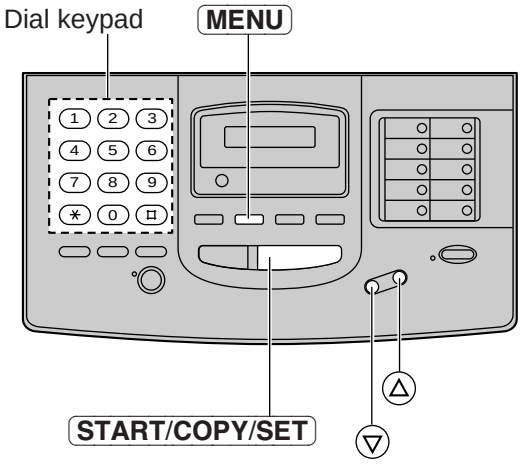
3 Press **START/COPY/SET**.

MODE=ON [▼▲]

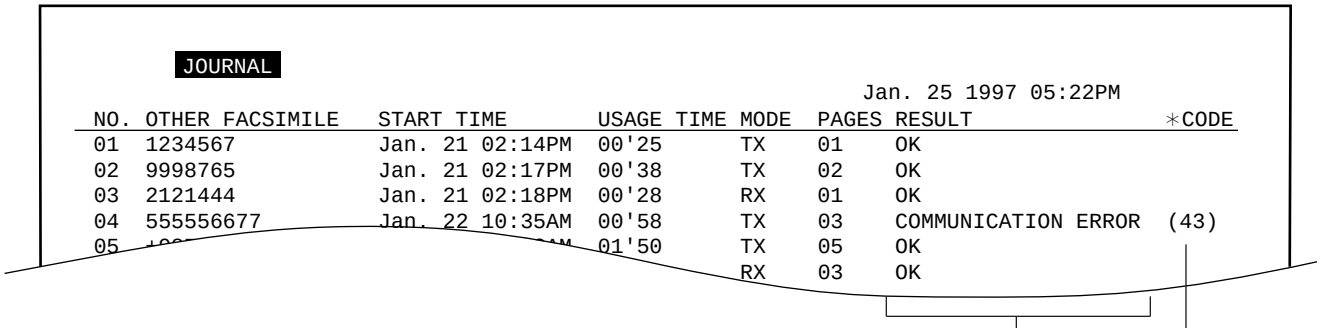
4 Press ▽ or △ to select the desired setting.

5 Press **START/COPY/SET**.

6 Press **MENU**.



Sample of journal report



JOURNAL

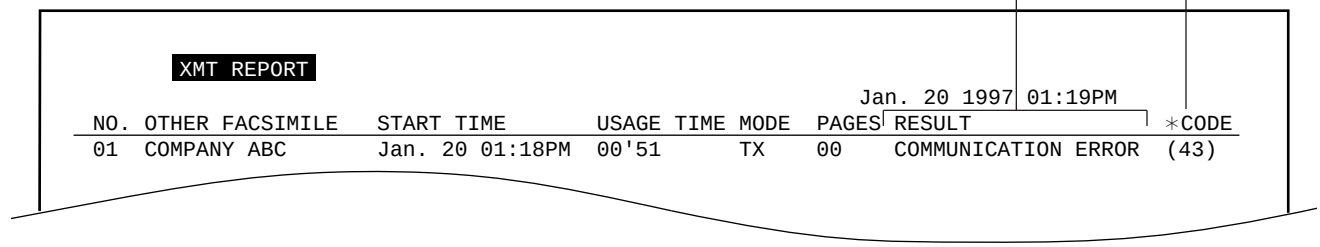
Jan. 25 1997 05:22PM

NO.	OTHER FACSIMILE	START TIME	USAGE TIME	MODE	PAGES	RESULT	∗CODE
01	1234567	Jan. 21 02:14PM	00'25	TX	01	OK	
02	9998765	Jan. 21 02:17PM	00'38	TX	02	OK	
03	2121444	Jan. 21 02:18PM	00'28	RX	01	OK	
04	555556677	Jan. 22 10:35AM	00'58	TX	03	COMMUNICATION ERROR	(43)
05			01'50	TX	05	OK	
				RX	03	OK	

Communication messages (See below.)

Error code (for service personnel use only)

Sample of transmission report



XMT REPORT

Jan. 20 1997 01:19PM

NO.	OTHER FACSIMILE	START TIME	USAGE TIME	MODE	PAGES	RESULT	∗CODE
01	COMPANY ABC	Jan. 20 01:18PM	00'51	TX	00	COMMUNICATION ERROR	(43)

Communication messages on the report

When a problem has occurred, one of the following messages will be printed on the transmission and journal reports.

PRINTED MESSAGE	CODE	MEANING
COMMUNICATION ERROR	41–72 FF	●A transmission or reception error occurred. Try again or check with the other party.
DOCUMENT JAMMED	—	●A document is jammed. Remove the jammed document (p. 66).
ERROR-NOT YOUR UNIT	—	●A transmission or reception error occurred because of the trouble of the other party's machine. Check with the other party.
JUNKMAIL PROH. REJECT	—	●The junk mail prohibitor of your unit rejected fax reception.
MEMORY FULL	—	●The document was not received due to memory being full.
NO DOCUMENT	—	●The document was not fed into the unit properly. Try again.
OTHER FAX NOT RESPOND	—	●The receiving unit was busy or ran out of recording paper. Try again. ●The START/COPY/SET button was pressed when the document was not set properly. Set the document properly and press the START/COPY/SET button after confirming the fax tone. ●The other party's machine is not a facsimile. Check with the other party.
PRESSED THE STOP KEY	—	●The STOP button was pressed and fax communication was canceled.
THE COVER WAS OPENED	—	●The front cover was opened during fax transmission.
OK	—	●Fax communication was successful.

Error messages on the display

If the unit detects a problem, one or more of the following messages will appear on the display.

DISPLAY MESSAGE	CAUSE AND REMEDY
CALL SERVICE	●There is something wrong with the unit. Contact our service personnel (p. 72).
CHECK COVER	●The front cover is open. Close it.
CHECK DOCUMENT	●The document is not fed into the unit properly. Reinsert the document. If misfeeding occurs frequently, clean the document feeder rollers inside the unit (p. 69). If the problem remains, adjust the feeder pressure (p. 66).
CHECK FILM	●The film cartridge is not inserted properly. Reinsert it correctly (p. 67, 68).
CHECK LEVER	●The recording paper lever is released. Push it back to set the lever (p. 9).
CHECK MEMORY	●Memory (phone numbers, parameters, etc.) has been erased. Re-program.
CHECK PAPER	●The recording paper is not installed or the unit ran out of paper. Install paper (p. 8). ●The recording paper is not fed into the unit properly or has jammed near the recording paper entrance. Clear the jammed paper (see “When paper has jammed near the recording paper entrance” on page 65). Do not install folded or heavily curled paper in the paper tray.
FAX IN MEMORY	●The unit has (a) document(s) in memory. See the other message’s instructions to print out the document(s).
FILM EMPTY	●The film is empty. Replace the film or film cartridge with a new one (p. 67, 68). ●The film is slack. Tighten it (see step 8 on page 68) and install again.
FILM NEAR EMPTY	●The remaining film can print approx. 15 pages of letter size documents. Prepare a new film or film cartridge (p. 6).
MEMORY FULL	●The memory is full of received documents due to a lack of recording paper or a recording paper jam, etc. Install paper or clear the jammed paper. ●When performing memory or multistation transmission, the document being stored exceeds the memory capacity of the unit. Transmit the entire document by using manual or automatic transmission.
NO RESPONSE	●The receiving unit is busy or ran out of recording paper. Try again.
PAPER JAMMED	●A recording paper jam occurred under the film cartridge. Clear the jammed paper (p. 64).
PLEASE WAIT	●The unit is checking if the film is set correctly. Wait for a while.

(continued)

Error messages on the display (cont.)

DISPLAY MESSAGE	CAUSE AND REMEDY
POLLING ERROR	●The other fax machine does not have a polling feature. Check with the other party.
REDIAL TIME OUT	●The receiving unit is busy or ran out of recording paper. Try again.
REMOVE DOCUMENT	●The document is jammed. Remove the jammed document (p. 66). ●Attempted to transmit a document longer than 600 mm (23⅝″). Press the STOP button and remove the document (p. 66). Divide the document into two or more sheets and try again.
REMOVE PRINTOUT	●There is too much paper on the paper stacker. Remove the printed paper. If the display message still remains after removing the paper, a paper jam may have occurred. Remove the jammed paper (see “When paper has jammed near the recording paper exit” on page 65).
STARTER FILM END	●The starter film is empty. Replace the film or film cartridge with a new one (p. 67, 68).
TRANSMIT ERROR	●A transmission error occurred. Try again.
UNIT OVERHEATED	●The unit is too hot. Let the unit cool down.

Before requesting help

General

PROBLEM	CAUSE & REMEDY
I cannot make and receive calls.	●The power cord or telephone line cord is not connected. Check the connections (see page 10).
I cannot make calls.	●The dialing mode setting is wrong. Check the setting and change it to TONE or PULSE (see “Setting the dialing mode” on page 46).
The unit does not work.	●Disconnect the unit from the telephone line and connect to a known working phone. If the known working phone operates properly, call your service center to have the unit repaired. If the known working phone does not operate properly, consult with your telephone company.
The unit does not ring.	●The ringer volume is set to OFF. Adjust to a suitable level (see page 16).
The REDIAL/PAUSE button does not function properly.	●If this button is pressed during dialing, a pause will be inserted. If pressed immediately after a dial tone is obtained, the last number dialed will be redialed.
The receive mode does not function as explained on page 19.	●A distinctive ringing pattern is set. Check it (see page 40).
During programming, I cannot enter the remote fax activation code or the remote TAM activation ID.	●All or part of the number is the same as another code or ID. Change the number (see pages 24 and 38).

Fax Transmission

PROBLEM	CAUSE & REMEDY
The other party complains that letters on their received document are distorted.	●If your line has special telephone services such as call waiting, the service may have been activated during fax transmission. Connect the unit to a line that does not have such services. ●An extension telephone on the same line is off the hook. Hang up and try again.
The other party complains that dirty patterns or black lines appear on their received documents.	●The glass or rollers are dirty. Clean them (see page 69).
The other party complains that they cannot send documents.	●The junk mail prohibitor is set to ON. Program their facsimile number for automatic dialing (see page 27) or set the junk mail prohibitor to OFF (see page 39).
I cannot make an international fax call.	●Use the overseas transmission mode (see page 47). ●Add two pauses at the end of the phone number (see page 31).

Before requesting help (cont.)

Fax reception

PROBLEM	CAUSE & REMEDY
I cannot receive documents automatically.	●The receive mode is set to the TEL mode. Set to the TEL/FAX, FAX (or EXT.TAM) mode. ●The time to answer the call may be too long. Decrease the number of rings (see pages 44 and 45). ●The junk mail prohibitor is set to ON (see page 39).
The recording image is faint.	●The sender transmitted a faint document. Ask them to transmit a clearer copy of the document. ●The thermal head is dirty. Clean it (see page 69).
The printing quality is poor.	●Some paper has instructions recommending the side to print on. Try turning over paper. We recommend smooth paper such as Hammermill® jet PRINT for clearer printing.
A blank sheet is ejected after the received documents are printed out.	●The receiving reduction rate is not programmed correctly. Program the proper reduction rate (see page 49).

In the EXT.TAM mode

PROBLEM	CAUSE & REMEDY
I cannot receive documents automatically.	●Your greeting message on the answering machine is too long. Shorten the message (up to 10 seconds). ●There are too many rings on the answering machine. Set to 1 or 2 rings. ●The silent detection feature is deactivated. Activate this feature (see page 51).
I cannot receive voice messages.	●Check that the answering machine is turned on and connected to the facsimile unit properly (see page 22). ●Set the number of rings on the answering machine to 1 or 2.
I cannot retrieve voice messages recorded on the answering machine from a remote location.	●The remote access code on your answering machine is the same as your remote fax activation code. Set a different number for each code. ●You did not program your remote TAM activation ID in your facsimile unit correctly. Program the same code that is programmed on the answering machine (see page 24).
The greeting message on your answering machine is interrupted halfway and the caller cannot leave a voice message.	●The greeting message has a silent pause longer than 4 seconds. Re-record the greeting message.
I pressed the remote access code to access the answering machine remotely, but the line was disconnected.	●The code may include "#" which is used for certain features provided by a telephone company. Change the code on the answering machine to another number which does not include "#", then program the same code into the facsimile unit (see page 24).
Callers complain that their message is interrupted halfway and they cannot leave a voice message.	●Advise them not to pause for over 4 seconds while recording their voice messages.
Callers complain that they cannot send a document.	●Your answering machine ran out of recording tape. Rewind the tape to record messages. ●You set the answering machine to give only a greeting message. ●The junk mail prohibitor is set to on (see page 39).

For Assistance, Call 1-800-435-7329

In the EXT.TAM mode

PROBLEM	CAUSE & REMEDY
While I answer a call with the answering machine, the facsimile unit switched to the fax mode and I cannot talk with the other party.	●You paused for over 4 seconds during the conversation. To resume the conversation, press **STOP** on the facsimile unit.

Copying

PROBLEM	CAUSE & REMEDY
A dirty pattern or a black line appears on the copied documents.	●The glass or rollers are dirty. Clean them (see page 69).
The copied image is distorted.	●The thermal head is dirty. Clean it (see page 69).
The document is not copied properly.	●The film is not inserted correctly. Insert it correctly (see pages 67 and 68).
The copied document is blank.	●The film is not inserted correctly. Insert it correctly (see pages 67 and 68).
The printing quality is poor.	●Some paper has instructions recommending the side to print on. Try turning over paper. We recommend smooth paper such as Hammermill® jet PRINT for clearer printing.
A paper jam occurs during copying.	●The film is not inserted correctly. Insert it correctly (see pages 67 and 68).

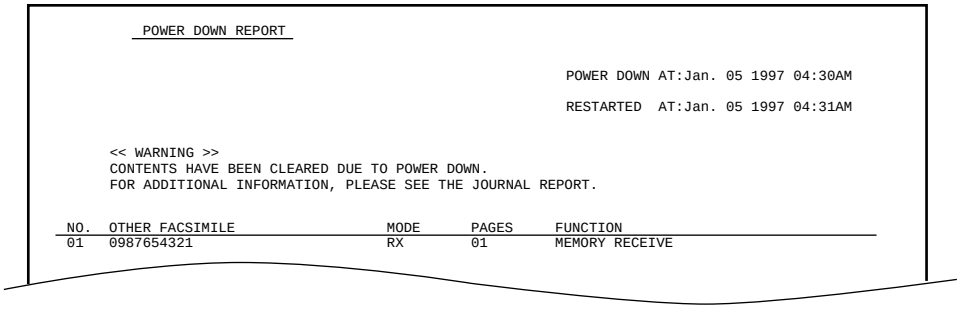
If a power failure occurs...

When a power failure occurs, note the following:
- ●The unit will not function during a power failure.
- ●Transmission and reception will be interrupted. Check the transaction by printing a journal report.
- ●If fax documents are stored in memory, they will be lost. When power is restored, a power-down report will be printed out stating which contents in memory have been erased.
- ●If delayed transmission is set and the programmed start time has passed during a power failure, transmission will be attempted soon after power is restored.
- ●If an external telephone/telephone answering machine is connected to the unit, you can use it during a power failure.

Power-down report

The power-down report will be automatically printed out after power is restored.
The report will not be printed out when there are no documents stored in memory.

Sample of the power-down report



POWER DOWN REPORT

POWER DOWN AT:Jan. 05 1997 04:30AM

RESTARTED AT:Jan. 05 1997 04:31AM

<< WARNING >>
CONTENTS HAVE BEEN CLEARED DUE TO POWER DOWN.
FOR ADDITIONAL INFORMATION, PLEASE SEE THE JOURNAL REPORT.

NO.	OTHER FACSIMILE	MODE	PAGES	FUNCTION
01	0987654321	RX	01	MEMORY RECEIVE

Clearing a recording paper jam

If the unit does not eject any recording paper during reception or copying, the recording paper has jammed. Remove the jammed paper by following the display message on this page and page 65.

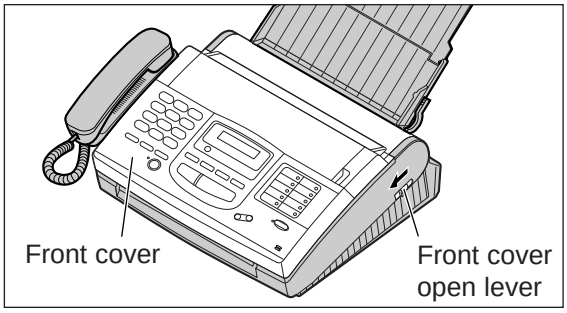
When paper has jammed under the film cartridge

The display will show the following message.

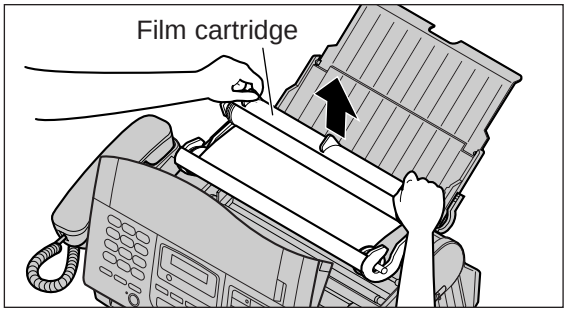
PAPER JAMMED

Remove the jammed paper as follows.

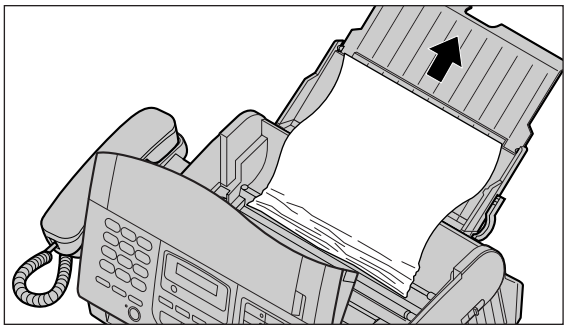
1 Slide the front cover open lever forward to unlock the front cover and lift to open.



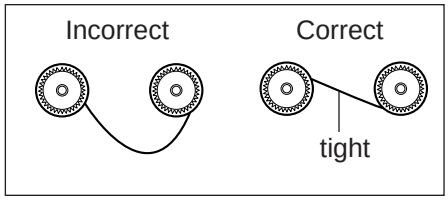
2 Remove the film cartridge.

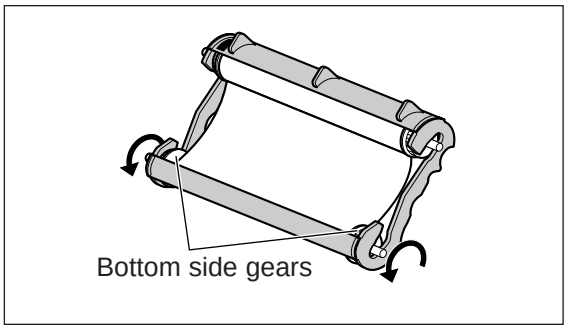


3 Remove the jammed recording paper.



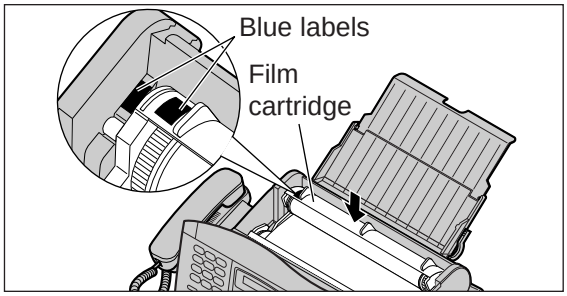
4 If the film is slack, tighten it by winding the bottom side gears.





5 Replace the film cartridge by matching the blue label side of the cartridge with that on the unit.

6 Close the front cover securely by pushing down on both ends.



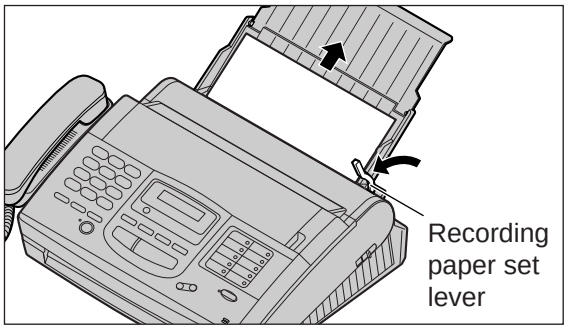
When paper has jammed near the recording paper entrance

The display will show the following message.

```
CHECK PAPER
```

Remove the jammed paper as follows.

Pull the recording paper set lever forwards, then pull out the jammed recording paper from the recording paper entrance.



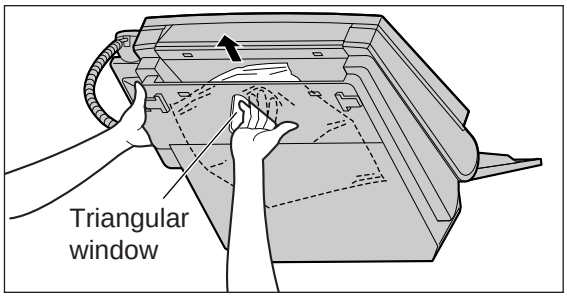
When paper has jammed near the recording paper exit

The display will show the following message.

```
REMOVE PRINTOUT
```

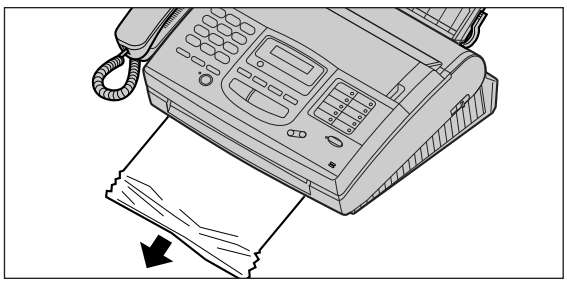
Remove the jammed paper as follows.

1 Lift the unit slightly and push out the jammed recording paper from the triangular window on the bottom of the unit.



2 Remove the jammed recording paper from the recording paper exit.

- If you cannot remove the jammed paper, remove it by following the steps 1–4 on page 64.



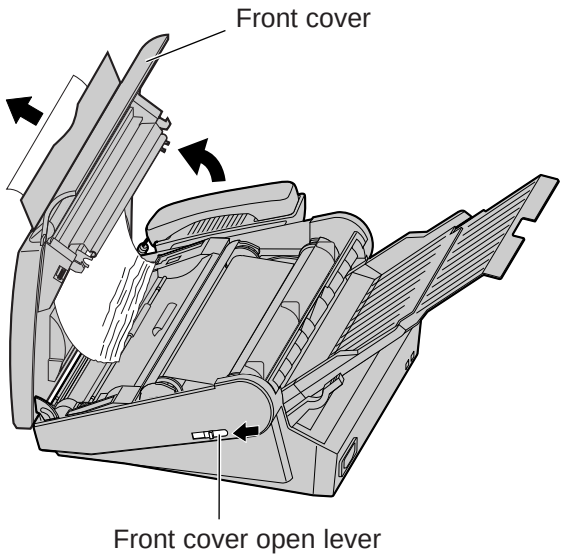
Clearing a document jam

If the unit does not release the original document during feeding, remove the document as follows.

1 Slide the front cover open lever forward to unlock the front cover and lift to open.

2 Remove the jammed document carefully.

3 Close the front cover securely by pushing down on both ends.



Adjusting the feeder pressure

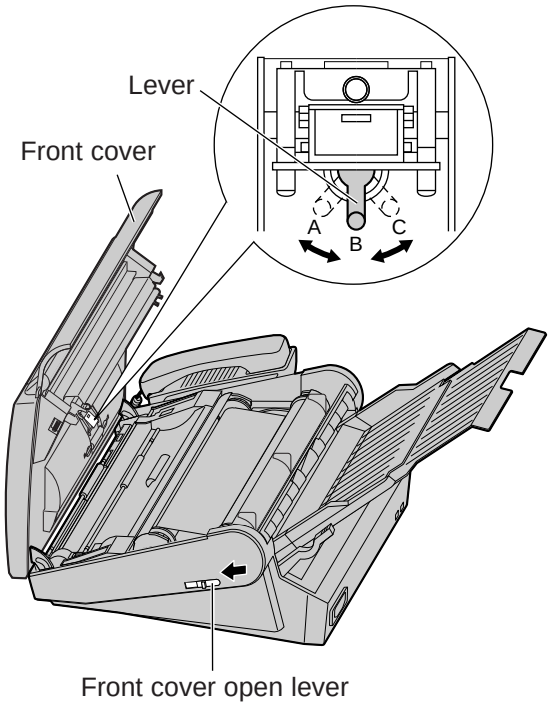
When no feeding or multiple feeding occurs frequently, adjust the feeder pressure.

1 Slide the front cover open lever forward to unlock the front cover and lift to open.

2 Shift the position of the lever by using an instrument with a pointed end, like a clip or ball-point pen.

Position A: When documents do not feed
Position B: Standard position (pre-selected)
Position C: When documents multiple feed

3 Close the front cover securely by pushing down on both ends.



Checking the remaining film

You can check the amount of remaining film. Press **FILM REMAINING** while the unit is idle. The display indicates the approximate amount of remaining film.

```
FILM E ▬▬■■ F
```

↓

```
FILM E ▬      F
```

When the film indicator points to this position, the remaining film will print up to 25 pages of letter size documents. Prepare a new film or film cartridge for replacement.

Replacing the film or film cartridge

When the unit detects the end of the film, the following message will be displayed.

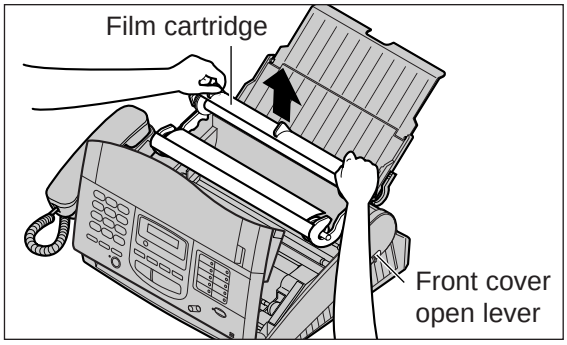
`FILM NEAR EMPTY`	The remaining film prints approx. 15 letter size documents. Prepare a new film or film cartridge.
`FILM EMPTY`	The film is empty. Replace the film or film cartridge with a new one.

To order replacement parts, see page 6.

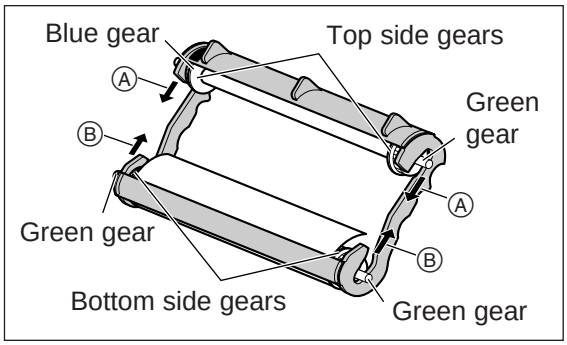
1 Slide the front cover open lever forward to unlock the front cover and lift to open.

2 Remove the film cartridge.

- If you have purchased a film cartridge (Model no. KX-FA135) for replacement, skip to step 9.
- To replace only the film, go to step 3.

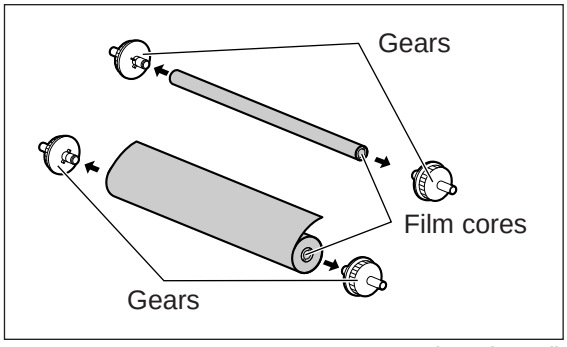


3 Unlock the four gears by (Ⓐ) pulling the top side gears (blue and green gears) forward and (Ⓑ) pushing back the bottom side gears (green gears). Remove the used film.



4 Remove the four gears from the used film cores.

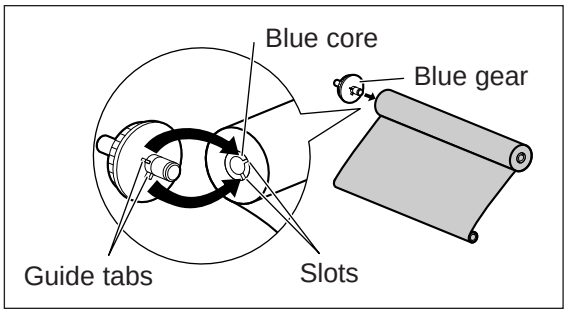
Caution:
- The film is not reusable. You can order a new film for replacement through your nearest Panasonic dealer.



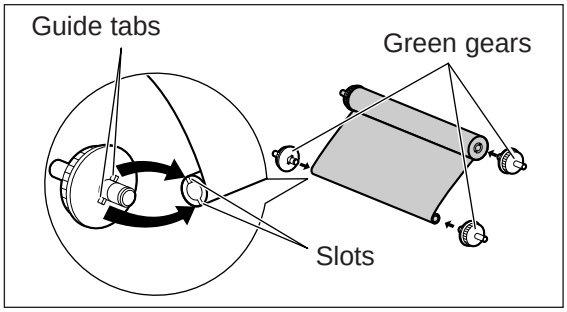
(continued)

Replacing the film or film cartridge (cont.)

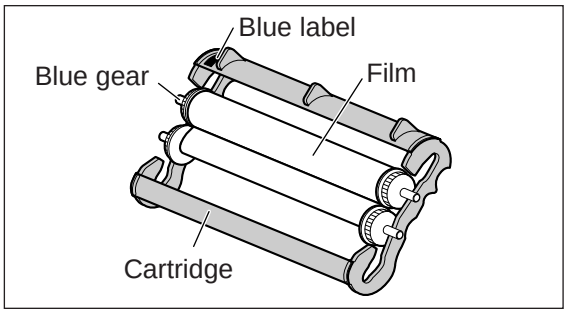
5 Insert the blue gear into the blue core of the new film.



6 Insert the three green gears into the remaining cores of the new film.

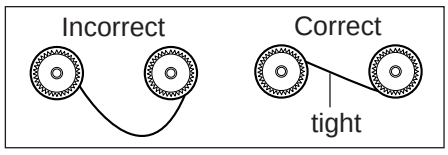


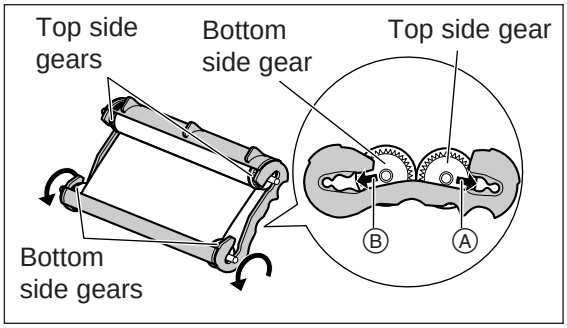
7 Insert the film into the cartridge so that the blue gear matches the blue label on the cartridge.



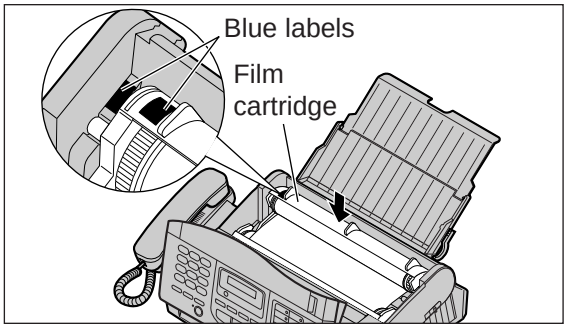
8 Lock the four gears of the film by (Ⓐ) pushing back the top side gears and (Ⓑ) pulling the bottom side gears forward until they lock into place.

- If the film is slack, tighten it by winding the bottom side gears.





9 Insert the film cartridge by matching the blue label on the cartridge with that on the unit.



10 Close the front cover securely by pushing down on both ends.

- The unit will check the film is set correctly and the following message will be displayed.

Display: `PLEASE WAIT`

- If the following message is displayed, the film is not correctly inserted in the cartridge.

`CHECK FILM`

Reinsert it correctly.

Cleaning the inside of the unit

Cleaning the document feeder unit

If misfeeding occurs frequently or dirty patterns or black bands appear on a copied or transmitted document, clean the document feeder rollers, sub roller, rubber flap, white plate and glass.

1 Disconnect the power cord and the telephone line cord.

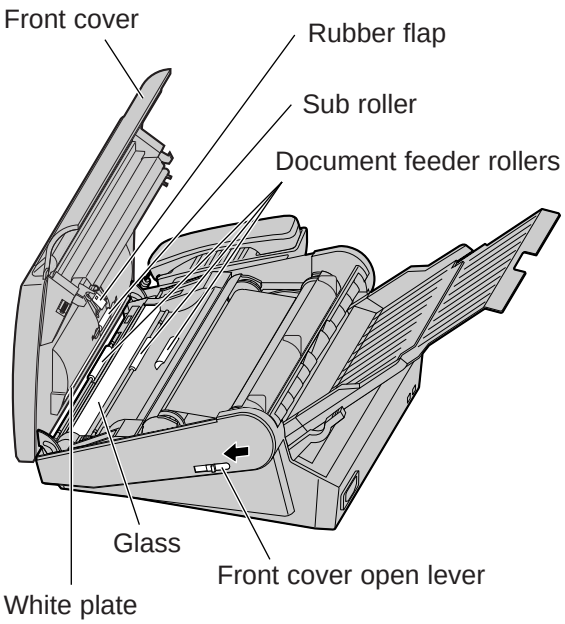
2 Slide the lever forward to unlock the front cover and lift to open.

3 Clean the document feeder rollers, sub roller and rubber flap with a cloth moistened with isopropyl rubbing alcohol, and let dry thoroughly.

4 Clean the white plate and glass with a soft dry cloth.

5 Close the front cover by gently pressing down on both ends.

6 Connect the power cord and the telephone line cord.



Caution:
- Do not use paper products (such as paper towels or tissues) to clean the inside of the unit.

Cleaning the thermal head

If dirty patterns or black bands appear on a copied or received document, clean the thermal head.

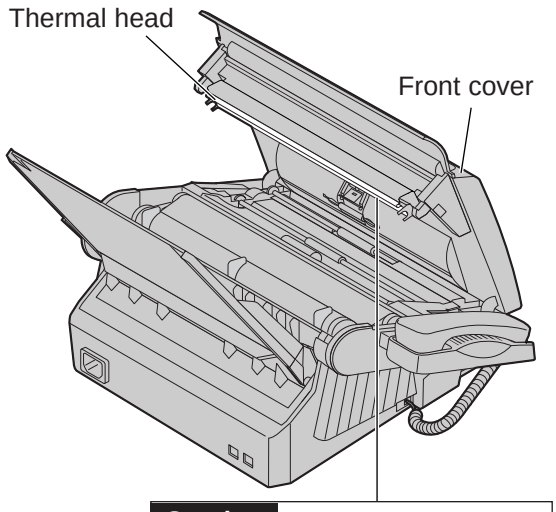
1 Disconnect the power cord and the telephone line cord.

2 Slide the lever forward to unlock the front cover and lift to open.

3 Clean the thermal head with a cloth moistened with isopropyl rubbing alcohol, and let dry thoroughly.

4 Close the front cover by gently pressing down on both ends.

5 Connect the power cord and the telephone line cord.



Caution

Do not push on the black cover.

Caution:
- To prevent a malfunction due to static electricity, do not use a dry cloth and do not touch the thermal head directly with your finger.

FCC information

If required by the telephone company, inform them of the following.
- FCC Registration No.: (found on the bottom of the unit)
- Ringer Equivalence No.: (found on the bottom of the unit)
- The particular telephone line to which the equipment is connected.

This unit must not be connected to a coin operated line. If you are on a party line, check with your local telephone company.

Ringer Equivalence Number (REN):
This REN is useful in determining the quantity of devices you may connect to your telephone line and still have all of those devices ring when your telephone number is called. In most but not all areas, the sum of the REN's of all devices connected to one line should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should contact your local telephone company to determine the maximum REN for your calling area.

In the event that terminal equipment causes harm to the telephone network, the telephone company should notify the customer, if possible, that service may be stopped. However, where prior notice is impractical, the company may temporarily cease service providing that they:
a) Promptly notify the customer.
b) Give the customer an opportunity to correct the problem with their equipment.
c) Inform the customer of the right to bring a complaint to the Federal Communication Commission pursuant to procedures set out in FCC Rules and Regulations Subpart E of Part 68.

The Telephone Company may make changes in its communications facilities, equipment operations, or procedures where such action is reasonably required in the operation of its business and is not inconsistent with the rules and regulations in FCC Part 68. If such changes can be reasonably expected to render any customer terminal equipment incompatible with telephone company communications facilities, or require modification or alteration of such terminal equipment, or otherwise materially affect its use or performance, the customer shall be given adequate notice in writing, to allow the customer an opportunity to maintain uninterrupted service.

CAUTION:
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

When programming emergency numbers and/or making test calls to emergency numbers:
1. Remain on the line and briefly explain to the dispatcher the reason for the call before hanging up.
2. Perform such activities in the off-peak hours; such as early morning or late evenings.

This telephone provides magnetic coupling to hearing aids.

NOTE:
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.

Panasonic Consumer Electronics Company,
Division of Matsushita Electric Corporation of America
One Panasonic Way, Secaucus,
New Jersey 07094

Panasonic Sales Company
Division of Matsushita Electric of
Puerto Rico, Inc.
Ave. 65 de Infantería, Km. 9.5, San Gabriel
Industrial Park, Carolina, Puerto Rico 00985

PANASONIC
Facsimile Products
Limited Warranty

Panasonic Consumer Electronics Company or Panasonic Sales Company (collectively referred to as "the warrantor"), will repair this product with new or refurbished parts, free of charge, in the USA or Puerto Rico for one (1) year from the date of original purchase in the event of a defect in materials or workmanship.

This Limited Warranty Excludes both Labor and Parts for: batteries, antennas, and cosmetic parts (cabinet).

Carry-in or mail-in service in the USA or Puerto Rico can be obtained during the warranty period by contacting a Panasonic Services Company (PASC) Factory Servicenter listed in the Servicenter Directory. Or call, toll free, 1-800-HELP FAX (1-800-435-7329) to locate a PASC Factory Servicenter. Carry-in or mail-in service in Puerto Rico can be obtained during the warranty period by calling the Panasonic Sales Company telephone number listed in the Servicenter Directory.

This warranty is extended only to the original purchaser. A purchase receipt or other proof of date of original purchase will be required before warranty service is rendered.

This warranty only covers failures due to defects in material and workmanship which occur during normal use and (when applicable) does not cover the print and ink cartridge, the toner cartridge and drum unit or the film cartridge. The warranty does not cover damages which occur in shipment, or failures which are caused by products not supplied by the warrantor, or failures which result from accident, misuse, abuse, neglect, mishandling, faulty installation, misapplication, set-up adjustments, improper operation or maintenance, alteration, modification, power line surge, improper voltage supply, lightning damage, signal reception problems, commercial use such as hotel, office, restaurant, or other business or rental use of the product, or service by anyone other than a PASC Factory Servicenter or a PASC authorized Servicenter, or damage that is attributable to acts of God.

LIMITS AND EXCLUSIONS

There are no express warranties except as listed above.
THE WARRANTOR SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY, ARE LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state. If a problem with this product develops during or after the warranty period, you may contact your dealer or Servicenter. If the problem is not handled to your satisfaction, then write to the Customer Satisfaction Center at the company address indicated above.

Service center directory

OPERATION ASSISTANCE•FAX ADVANTAGE PROGRAM

DIAL TOLL FREE: 1-800-HELP-FAX (1-800-435-7329) (9:00am–8:00pm Monday–Friday, EST)

PRODUCT INFORMATION•LITERATURE REQUESTS•DEALER LOCATIONS

Customer Satisfaction Center 2F-3, One Panasonic Way, Secaucus, NJ 07094 (Headquarters)
201-348-9090 (9:00am–8:00pm Monday–Friday, EST)

ACCESSORY PURCHASES

1-800-332-5368 (Consumer orders only)
Panasonic Services Company Accessory Order Office, 20421-84th Avenue South Kent, WA 98032
(6:00am–6:00pm Monday–Friday, 6:00am–10:30am Saturday, PST)
(Visa, Mastercard, Discover card, American Express, Check)

AUTHORIZED SERVICENTERS

CALIFORNIA
6550 Katella Avenue
Cypress, CA 90630
Phone (714) 373-7426
Fax (714) 894-8534

800 Dubuque Avenue
S. San Francisco,
CA 94080
Phone (415) 871-6373
Fax (415) 871-6840

20201 Sherman Way
Suite 102
Canoga Park, CA 91306
Phone (818) 709-1775
Fax (818) 709-2165

3878 Ruffin Road
Suite A
San Diego, CA 92123
Phone (619) 560-9200
Fax (619) 560-1831

COLORADO
1640 South Abilene Suite D
Aurora, CO 80012
Phone (303) 752-2024
Fax (303) 752-0610

FLORIDA
3700 North 29th Avenue
Suite 102
Hollywood, FL 33020
Phone (954) 925-2880
Fax (954) 925-5224

GEORGIA
8655 Roswell Road
Suite 100
Atlanta, GA 30350
Phone (770) 518-6301
Fax (770) 518-6306

HAWAII
99-859 Iwaiwa Street
Aiea, Hawaii 96701
Phone (808) 488-1996
Fax (808) 486-4369

ILLINOIS
*1703 North Randall Road
Elgin, IL 60123
"12:30 to 4:30, Mon-Fri"
Phone (847) 468-5464
Fax (847) 468-5465

9060 Golf Road
Niles, IL 60714
Phone (847) 608-1010
Fax (847) 299-1710

MARYLAND
62 Mountain Road
Glen Burnie, MD 21061
Phone (800) 973-4071
Fax (410) 760-3779

MASSACHUSETTS
60 Glacier Drive, Suite G
Westwood, MA 02090
Phone (617) 329-4280
Fax (617) 329-0586

***pick-up/drop-off only**

MICHIGAN
37048 Van Dyke Avenue
Sterling Heights, MI 48312
Phone (810) 939-2060
Fax (810) 939-2638

MINNESOTA
7850-12th Avenue South
Airport Business Center
Bloomington, MN 55425
Phone (612) 854-8624
Fax (612) 854-2089

OHIO
2236 Waycross Road
Cincinnati, OH 45240
Phone (513) 851-4180
Fax (513) 851-8443

PENNSYLVANIA
2221 Cabot Boulevard West
Suite B
Langhorne, PA 19047
Phone (215) 741-0661
Fax (215) 741-0521

Chartiers Valley
Shopping Center
1025 Washington Pike
Bridgeville, PA 15017
Phone (412) 257-4522
Fax (412) 257-4650

TENNESSEE
919-8th Avenue South
Nashville, TN 37203
Phone (615) 244-4434
Fax (615) 244-6713

TEXAS
7482 Harwin Drive
Houston, TX 77036
Phone (713) 781-1528
Fax (713) 781-0643

13615 Welch Road Suite 101
Farmers Branch, TX 75244
Phone (972) 385-1975
Fax (972) 960-7626

WASHINGTON
20425-84th Avenue South
Kent, WA 98032
Phone (206) 872-7922
Fax (206) 872-0918

Service in Puerto Rico

Matsushita Electric
of Puerto Rico, Inc.
Panasonic Sales Company/
Factory Servicenter

Ave. 65 de Infantería, Km. 9.5
San Gabriel Industrial Park
Carolina, Puerto Rico 00985
Phone (787) 750-4300
Fax (787) 768-2910

REPAIR INQUIRIES

Regional Customer Care Department

EAST (PCE)
2221 Cabot Boulevard West
Suite A
Langhorne, PA 19047
Phone (215) 741-0676
Fax (215) 750-6492

Covers:
CT, DE, ME, MD, MA, NH, NJ, NY, PA, RI, VT, VA, DC, WV

EAST (PCE)
1225 Northbrook Parkway
Suite 2-390
Suwannee, GA 30174
Phone (770) 338-6860
Fax (770) 338-6548

Covers:
AL, FL, GA, MS, NC, SC, TN

CENTRAL (PCC)
1707 North Randall Road
Elgin, IL 60123
Phone (847) 468-5530
Fax (847) 468-5528

Covers:
AR, IL, IN, IA, KS, KY, LA, MI, MN, MO, NE, ND, OK, SD, TX, WI, OH

WEST (PCW)
6550 Katella Avenue
Cypress, CA 90630
Phone (714) 373-7440
Fax (714) 373-7447

Covers:
AK, AZ, CA, CO, ID, MT, NV, NM, OR, UT, WA, WY, HI

PARTS DISTRIBUTION LOCATIONS

To locate parts distributors in your area (within the USA)
DIAL TOLL FREE 1-800-545-2672 (24 hours a day, 7 days a week)

As of Apr. '97

User information

For product service

- Service centers are listed on page 72.
- Call toll free 1-800-545-2672 for the location of an authorized service center.

When you ship the product

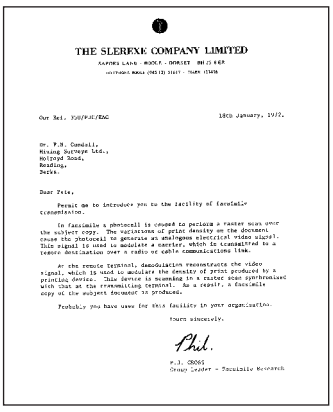
- Carefully pack your unit, preferably in the original carton.
- Attach a letter, detailing the symptom or problem, to the outside of the carton.
- Send the unit to an authorized service center, prepaid and adequately insured.
- Do not send your unit to the Panasonic Consumer Electronics Company or to any executive or regional sales offices. These locations do not repair consumer products.

Specifications

1. Applicable Lines:	Public Switched Telephone Network
2. Document Size:	Max. 216 mm (8½″) in width Max. 600 mm (23⅝″) in length
3. Effective Scanning Width:	208 mm (8³⁄₁₆″)
4. Recording Paper Size:	Letter: 216 × 279 mm (8½″ × 11″) Legal: 216 × 356 mm (8½″ × 14″)
5. Effective Printing Width:	208 mm (8³⁄₁₆″)
6. Transmission Time*:	Approx. 15 s/page (Original mode) Approx. 30 s/page (G3 Normal mode)
7. Scanning Density:	Horizontal: 8 pels/mm (203 pels/inch) Vertical: 3.85 lines/mm (98 lines/inch)—Standard mode 7.7 lines/mm (196 lines/inch)—Fine/Halftone mode 15.4 lines/mm (392 lines/inch)—Superfine mode
8. Halftone Level:	64-level
9. Scanner Type:	CCD image sensor
10. Printer Type:	Thermal printing
11. Data Compression System:	Modified Huffman (MH), Modified READ (MR)
12. Modem Speed:	9600/7200/4800/2400 bps; Automatic Fallback
13. Operating Environment:	5–35 °C (41–95 °F), 20–80 % RH (Relative Humidity)
14. Dimensions (H×W×D):	149 × 367 × 355 mm (5⅞″ × 14⁷⁄₁₆″ × 13³¹⁄₃₂″)
15. Mass (Weight):	Approx. 5.2 kg (11.4 lb.)
16. Power Consumption:	Standby: Approx. 7.0 W / Transmission: Approx. 16 W Reception: Approx. 38 W / Copy: Approx. 52 W Maximum: Approx. 160 W
17. Power Supply:	120 V AC, 60 Hz (This unit will not function at 50 Hz.)
18. Memory Capacity:	KX-FP200: Approx. 28 pages KX-FP195: Approx. 14 pages (Based on CCITT No. 1 Test Chart in standard resolution)

*****Transmission speed depends upon the contents of the pages, resolution, telephone line conditions and capability of receiving unit. 15 second speed based upon CCITT No.1 Test Chart.

CCITT No. 1 Test Chart



THE SLEREXE COMPANY LIMITED

Our Ref. YSH/PAH/EAG 18th January, 1972.

Dr. P.H. Cornell,
Mining Surveys Ltd.,
Holroyd Road,
Reading,
Berks.

Dear Pete,

Permit me to introduce you to the facility of facsimile transmission.

In facsimile a photocell is caused to perform a raster scan over the subject copy. The variations of print density on the document cause the photocell to generate an analogous electrical video signal. This signal is used to modulate a carrier, which is transmitted to a remote destination over a radio or cable communications link.

At the remote terminal, demodulation reconstructs the video signal, which is used to modulate the density of print produced by a printing device. This device is scanning in a raster scan synchronised with that at the transmitting terminal. As a result, a facsimile copy of the subject document is produced.

Probably you have uses for this facility in your organisation.

Yours sincerely,

Phil.

P.J. CROSS
Group Leader - Facsimile Research

Note:

- Any details given in these instructions are subject to change without notice.
- The pictures and illustrations in these instructions may vary slightly from the actual product.

One-touch dialing list (for KX-FP200)

Direct call Station No.	Name/Phone No.	Direct call Station No.	Name/Phone No.
1		10 (LOWER 1)	
2		11 (LOWER 2)	
3		12 (LOWER 3)	
4		13 (LOWER 4)	
5		14 (LOWER 5)	
6		15 (LOWER 6)	
7		16 (LOWER 7)	
8		17 (LOWER 8)	
9		18 (LOWER 9)	

Speed dialing list (for KX-FP200)

Station No.	Name/Phone No.	Station No.	Name/Phone No.	Station No.	Name/Phone No.
00		34		68	
01		35		69	
02		36		70	
03		37		71	
04		38		72	
05		39		73	
06		40		74	
07		41		75	
08		42		76	
09		43		77	
10		44		78	
11		45		79	
12		46		80	
13		47		81	
14		48		82	
15		49		83	
16		50		84	
17		51		85	
18		52		86	
19		53		87	
20		54		88	
21		55		89	
22		56		90	
23		57		91	
24		58		92	
25		59		93	
26		60		94	
27		61		95	
28		62		96	
29		63		97	
30		64		98	
31		65		99	
32		66			
33		67			

One-touch dialing list (for KX-FP195)

Direct call Station No.	Name/Phone No.	Direct call Station No.	Name/Phone No.
1		10 (LOWER 1)	
2		11 (LOWER 2)	
3		12 (LOWER 3)	
4		13 (LOWER 4)	
5		14 (LOWER 5)	
6		15 (LOWER 6)	
7		16 (LOWER 7)	
8		17 (LOWER 8)	
9		18 (LOWER 9)	

Speed dialing list (for KX-FP195)

Station No.	Name/Phone No.	Station No.	Name/Phone No.
00		30	
01		31	
02		32	
03		33	
04		34	
05		35	
06		36	
07		37	
08		38	
09		39	
10		40	
11		41	
12		42	
13		43	
14		44	
15		45	
16		46	
17		47	
18		48	
19		49	
20		50	
21		51	
22		52	
23		53	
24		54	
25		55	
26		56	
27		57	
28		58	
29		59	

Index

A
Advanced features 43
Resetting 55
Automatic dialing 27, 28
Automatic dialing mode setting 10
AUTO RECEIVE button 19, 21
AUTO RECEIVE mode 19, 21, 23

B
Basic features 43
BROAD CAST key 35, 36

C
Cleaning 69
Communication messages 58
COPY button 17
Cover page 37

D
Date and time 12
Delayed transmission 33
DELETE key 13
Dialing mode 10, 46
Direct call station keys 13, 27, 28
DIRECTORY button 28, 29
Display contrast 50
Distinctive ring service 40
Document jam 66
Document size 74
Documents, the unit can feed 18

E
Electronic telephone directory 29
Error message 59, 60
Extension copy 41
EXT.TAM mode 19, 22

F
Facsimile telephone number 14
Fax auto redial 28
FAX mode 19, 21
Fax pager 53
FAX ring count 44
Feature list 56
Feeder pressure 66
Film detection 54
Film/Film cartridge, replacing 67, 68
Film/paper save reception 48
FILM REMAINING button 67
FLASH button 31
Friendly reception 20, 52

H
HELP button 11

I
INSERT key 13

J
Journal auto print 57
Journal report 56, 58
Junk mail prohibitor 39

L
Logo 13
Logo print position 46
LOWER key 27, 28

M
MANUAL RECEIVE mode 19, 26
Memory reception alert 52
Memory transmission 34
Multitransmission report 36
MUTE button 15

O
One-touch dialing 27, 28
Overseas transmission mode 47

P
PAUSE button 31
Polling 32
Power down report 63

R
Receiving reduction 49
Recording paper jam 64, 65
Recording paper size 8, 74
REDIAL button 31
Reduction copy 42
Remote fax activation code 38
Remote TAM activation ID 24
Reserving transmission 37
RESOLUTION button 17
Ring pattern detection 40

S
SECRET key 13, 27
Silent detection 51
Silent fax recognition ring 45
SPACE key 13
Speed dialing 27, 28
SP-PHONE button 15, 16, 30
Summary of user programmable features 43

T
Telephone number list 56
TEL mode 19, 20
TEL/FAX mode 19, 25, 26
TEL/FAX ring count 45
TONE button 31
Transmission report 57, 58

V
Voice contact 30
VOLUME button 13, 15, 16

Panasonic
KX-FP200
KX-FP195
Proof of Purchase

Panasonic FAX ADVANTAGE PROGRAM

Free peace of mind, direct from Panasonic

NO EXTRA COST

Panasonic
FAX ADVANTAGE PROGRAM

- ***1-year limited warranty[1] parts & labor***
- ***Toll-free help line***
- ***Free overnight replacement[2] and repair program***

The Panasonic Fax Advantage Consumer Service Program.

Panasonic knows that if your fax machine is not up and running, neither is your business. That's why we created the Panasonic Fax Advantage Program. Included at no extra cost with the purchase of a Panasonic Fax Machine, the Fax Advantage Program can provide a free replacement unit[2] overnight if your original unit is in need of repair.

Here's how it works:

1. If you have a problem with your fax while it is covered by the one-year limited warranty[1], call our toll-free help-line at 1-800-HELPFAX.
2. Talk to one of our technical experts to diagnose your problem over the phone.
3. If repairs are necessary and you are entitled to service under the terms and conditions of the limited warranty[3], we will send a refurbished replacement unit to you overnight or second business day delivery, depending on the time of your call.

A second option available under our one-year limited warranty is to mail-in or carry-in your fax to one of our Regional Service centers, where the unit will be repaired and returned to you.

Instructions

If you choose to receive a replacement unit under the Fax Advantage Program, Panasonic will provide a replacement unit which will be completely refurbished, quality-tested by Panasonic technicians and individually hand-inspected before it is shipped to you. You will keep the replacement unit and send the original unit to us in the replacement unit's box. UPS will pick up the unit at no charge to you, should it be determined that you are entitled to warranty service. A proof-of-purchase must be included with the returned product. Any unit that is replaced by Panasonic and not shipped with proper proof-of-purchase by you will be subject to a minimum $100.00 charge. The original unit must be properly packaged in the same manner as the replacement unit, utilizing the packing materials provided. Damage due to improper or inadequate packing will be charged to you as an out-of-warranty cost.

If our 1-800-HELPFAX technicians determine that your unit may be an "out-of-box failure"[4], we will attempt to provide you with a factory-new replacement unit[5]. You must ship a copy of your receipt with your original unit to verify that you purchased the unit within 10 days prior to your 1-800-HELPFAX call.

Requirements

You must give our technicians a valid credit card number (Discover, VISA, Master Card, or American Express/Optima). Product that is not returned to Panasonic by 10 business days after shipment of the replacement product will be charged to your credit card account at Panasonic's Suggested Retail Price (see dealer for details). If your original unit is not eligible for warranty service, your card will be charged for the non-warranty repair of the unit at Panasonic's current rate for parts and labor and for any shipping charges associated with this program. If you do not wish to pay out-of-warranty repair costs, you will be responsible for returning the replacement unit to Panasonic and for paying all shipping charges associated with this program including the overnight delivery of the replacement product to you, shipment of the problem unit to Panasonic, shipment of the replacement unit back to Panasonic and the return of your original unit back to you. Credit status will be verified prior to sending the replacement product.

1. See dealer for limited warranty details.
2. Replacement unit is refurbished.
3. Replacement program excludes Puerto Rico and is subject to termination at any time without advance notice.
4. "Out-of-box failure" is an inoperable unit that was purchased no more than 10 days prior to your 1-800-HELPFAX call, and would otherwise qualify for warranty service under the terms and conditions of the limited warranty.
5. Panasonic reserves the right to send a refurbished unit.

Panasonic Consumer Electronics Company, Division of Matsushita Electric Corporation of America
One Panasonic Way, Secaucus,
New Jersey 07094

Panasonic Sales Company, Division of Matsushita Electric of Puerto Rico, Inc. ("PSC")
Ave. 65 de Infantería, Km. 9.5
San Gabriel Industrial Park, Carolina,
Puerto Rico 00985

Printed in Malaysia

PFQX1105ZB KF0497MK2067 Ⓓ